

**WALCHEM**

An Iwaki America Company

Controller Price List

# 2011 CONTROLLER PRICE LIST

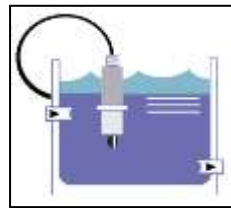
## Products / Spare Parts / Accessories

Five Boynton Road Hopping Brook Park Holliston, MA 01746 USA

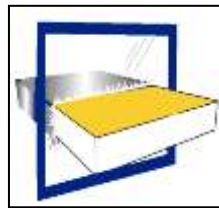
TEL: 508-429-1110 FAX: 508-429-7433 WEB: [www.walchem.com](http://www.walchem.com)



**WATER  
TREATMENT**



**pH/ORP -  
CONDUCTIVITY**



**SPECIALTY/  
PLATING**



**ACCESSORIES**

<b>SECTION 1</b>	<b>COOLING TOWER/BOILER WATER .....</b>	<b>1</b>
	WMT8 Cooling Tower Conductivity Controller .....	1
	WMD8 Dual Tower Conductivity Controller.....	3
	WMB8 Boiler Conductivity Controller .....	6
	WM18 Mixed Purpose Cooling Tower/Boiler Controller .....	8
	WCT400 Series Bleed & Feed Cooling Tower Controllers .....	14
	WCT410 Series Bleed & Feed Cooling Tower Controller with Biocide Timers .....	14
	WDT400 Series Dual Tower Bleed & Feed Controllers.....	17
	WDT410 Bleed & Feed Cooling Tower Controller with Biocides, pH or ORP .....	18
	WECT400 Bleed & Feed Cooling Tower Controllers w/Econd Sensor .....	21
	WECT410 Bleed & Feed Cooling Tower Controller w/Biocides, Econd Sensor .....	21
	WEDT410 Bleed & Feed Cooling Tower Controller, Biocides, Econd, pH/ORP .....	22
	WBL400 Series Bleed & Feed Boiler Controller.....	24
	WBL410 Series Bleed & Four Feed Boiler Controller.....	24
	WCM400 Series Condensate Monitor.....	25
	WDB400 Series Bleed & Feed Dual Boiler Controller .....	27
	WDC400 Series Dual Input Condensate Monitor.....	27
<b>SECTION II</b>	<b>GENERAL INDUSTRIAL.....</b>	<b>29</b>
	<b>Process Monitors.....</b>	<b>29</b>
	WebAlert® Series Process Monitor .....	29
	<b>pH/ORP/Conductivity/Disinfection .....</b>	<b>30</b>
	WIND Industrial Water Controller.....	30
	WDIS Series Disinfection Controller .....	38
	WPH410/420 Series pH/ORP Controllers.....	42
	WDP410/420/440 Series Dual Input pH/ORP Controllers.....	45
	WEC410 Series Electrodeless Conductivity Controller .....	48
	WDEC410 Series Dual Input Electrodeless Conductivity Controller.....	49
	WEL Series pH/ORP Electrodes.....	52
	WDS Series pH/ORP Electrodes.....	54
	Specialty pH/ORP Electrodes & Accessories.....	55
	Spare Parts for Obsolete pH/ORP Controllers.....	56
<b>SECTION III</b>	<b>SPECIALTY/PLATING CONTROLLERS.....</b>	<b>57</b>
	WNI410 Series Electroless Nickel Controllers .....	57
	WCU410 Series Microetch/Electroless Copper Controllers.....	59
<b>SECTION IV</b>	<b>WALCHEM ACCESSORY PRODUCTS.....</b>	<b>60</b>
	WFM Series Water Meter Contactors .....	60
	WFP Series Paddlewheel Flowmeters.....	62
	Cooling Tower Accessories .....	63
	Boiler Accessories.....	63
	Level Switches .....	63
<b>SECTION V</b>	<b>PARTS &amp; ACCESSORIES BY PART NUMBER.....</b>	<b>64</b>
<b>SECTION VI</b>	<b>PARTS &amp; ACCESSORIES BY DESCRIPTION.....</b>	<b>72</b>



## SECTION 1 COOLING TOWER/BOILER WATER

### WMT8 Cooling Tower Conductivity Controller



**WMT 8**



SYSTEM  
COND  
SENSOR



pH/ORP  
SENSORS



MAKEUP  
COND  
SENSOR



VOLTAGE  
CODE



FLOW  
SWITCH  
OPTION



ANALOG  
OUTPUTS



INPUT  
OPTIONS



DIGITAL  
COMMS  
HARDWARE

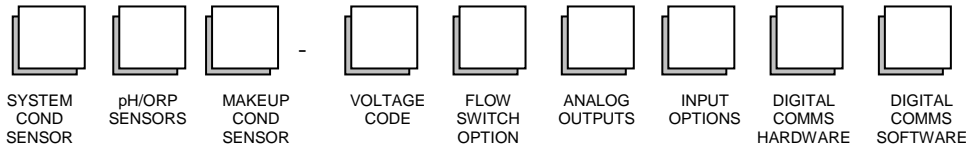


DIGITAL  
COMMS  
SOFTWARE

PART # / CODE	DESCRIPTION	PRICE (adder)
<b>WMT8</b>	<b>Multi I/O Cooling Tower Controller</b>	<b>\$ 2307.00</b>
<b>SYSTEM CONDUCTIVITY SENSOR</b>		
0	No system conductivity sensor	n/c
1	Conductivity, contacting, PP/Graphite electrode 140 psi	227.00
2	Conductivity, electrodeless, CPVC, 140 psi	584.00
3	Conductivity, contacting, PP/stainless electrode, 140 psi	281.00
4	Conductivity, contacting, 300 psi at 140° F	656.00
<b>pH/ORP SENSORS</b>		
0	No pH/ORP sensors	n/c
1	pH sensor, flat surface, 100 psi	665.00
2	ORP sensor, rod style, 100 psi	725.00
3	Both pH (flat) and ORP (rod style) sensors, 100 psi	1,390.00
4	pH sensor, bulb style, high pressure, 300 psi	922.00
5	ORP sensor, high pressure, 300 psi	922.00
6	Both pH and ORP sensors, high pressure, 300 psi	1,843.00
<b>MAKEUP CONDUCTIVITY SENSOR</b>		
0	No makeup conductivity sensor	n/c
1	Conductivity, contacting, PP/Graphite electrode 140 psi	445.00
2	Conductivity, electrodeless, CPVC, 140 psi	802.00
3	Conductivity, contacting, PP/stainless electrode, 140 psi	500.00
4	Conductivity, contacting, 300 psi at 140° F	875.00
<b>VOLTAGE CODE</b>		
0	Prewired w/ USA power cord, 0 powered relays, 8 dry contact relays	140.00
1	Prewired w/ USA cords, 7 powered relays, 1 dry contact relay	140.00
2	Prewired w/ USA cords, 8 powered relays	140.00
3	Prewired w/ USA cords, 4 powered relays, 4 dry contact relays	140.00
4	Hardwired, 0 powered relays, 8 dry contact relays	n/c
5	Hardwired, 8 powered relays	n/c
6	Hardwired, 7 powered relays, 1 dry contact relay	n/c
7	Hardwired, 4 powered relays, 4 dry contact relays	n/c
<b>FLOW SWITCH OPTION</b>		
N	No flow switch, in-line sensors	n/c
L	Loose flow switch manifold, 20 ft. cable, low pressure	128.00
P	Flow switch manifold on PP panel, 5 ft. cable, low pressure	213.00
S	No flow switch, Submersion sensors	n/c
F	Loose flow switch manifold, 20 ft. cable, high pressure	330.00
H	Flow switch manifold on PP panel, 5 ft. cable, high pressure	416.00

## WMT8 Cooling Tower Controller *continued*

### WMT 8



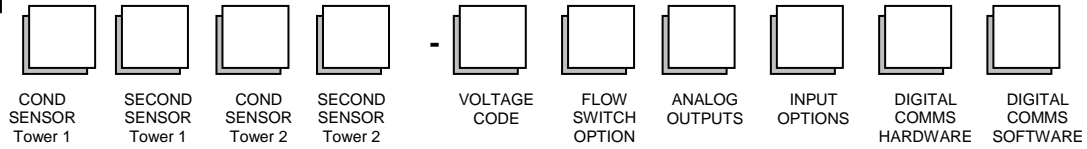
PART # / CODE	DESCRIPTION	PRICE (adder)
<b>ANALOG OUTPUTS</b>		
N	None	n/c
1	One 4-20 mA output board	\$114.00
2	Two 4-20 mA output boards	228.00
3	Three 4-20 mA output boards	342.00
4	Four 4-20 mA output boards	456.00
<b>INPUT OPTIONS</b>		
N	None	n/c
A	Analog Input board (8 Inputs)	223.00
D	Digital Input board (6 Inputs)	168.00
B	Both Analog and Digital Input boards	391.00
<b>DIGITAL COMMS HARDWARE (USB AND ETHERNET ARE STANDARD)</b>		
N	No additional communications capability	n/c
M	Modem card	189.00
G	Cellular Modem card (requires VTouch activation)	599.00
<b>DIGITAL COMMS SOFTWARE (USB AND ETHERNET ARE STANDARD)</b>		
N	No additional capability	n/c
1	Ethernet Networking (Master Capability)	515.00
2	Modbus TCP	489.00
3	Ethernet Networking (Master Capability) + Modbus TCP	1,004.00



## WMD8 Dual Tower Conductivity Controller



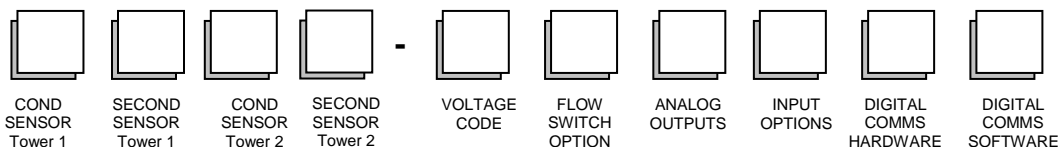
**WMD 8**



PART # / CODE	DESCRIPTION	PRICE (adder)
<b>WMD8</b>	<b>Multi I/O Dual Tower Controller</b>	<b>\$ 2307.00</b>
<b>TOWER 1 SYSTEM CONDUCTIVITY SENSOR</b>		
0	No system conductivity sensor	n/c
1	Conductivity, contacting, PP/Graphite electrode 140 psi	227.00
2	Conductivity, electrodeless, CPVC, 140 psi	584.00
3	Conductivity, contacting, PP/stainless electrode, 140 psi	281.00
4	Conductivity, contacting, 300 psi at 140° F	656.00
<b>TOWER 1 - 2<sup>ND</sup> SENSOR</b>		
0	No sensor	n/c
1	pH sensor, flat surface, 100 psi	665.00
2	ORP sensor, rod style, 100 psi	725.00
3	pH sensor, bulb style, high pressure, 300 psi	922.00
4	ORP sensor, rod style, high pressure, 300 psi	922.00
5	Conductivity, contacting, PP/Graphite electrode, makeup water or closed loop	445.00
6	Conductivity, contacting, 300 psi at 140 F, makeup water or closed loop; 250 psi at 392° F	875.00
<b>TOWER 2 SYSTEM CONDUCTIVITY SENSOR</b>		
0	No system conductivity sensor	n/c
1	Conductivity, contacting, PP/Graphite electrode 140 psi	445.00
2	Conductivity, electrodeless, CPVC, 140 psi	802.00
3	Conductivity, contacting, PP/stainless electrode, 140 psi	500.00
4	Conductivity, contacting, 300 psi at 140° F	875.00
<b>TOWER 2 - 2<sup>ND</sup> SENSOR</b>		
0	No sensor	n/c
1	pH sensor, flat surface, 100 psi	665.00
2	ORP sensor, rod style, 100 psi	725.00
3	pH sensor, bulb style, high pressure, 300 psi	922.00
4	ORP sensor, rod style, high pressure, 300 psi	922.00
5	Conductivity, contacting, PP/Graphite electrode, makeup water or closed loop	445.00
6	Conductivity, contacting, 300 psi at 140 F, makeup water or closed loop; 250 psi at 392° F	875.00

## WMD8 Dual Tower Controller *continued*

### WMD 8



PART # / CODE	DESCRIPTION	PRICE (adder)
<b>VOLTAGE CODE</b>		
0	Prewired w/ USA power cord, 0 powered relays, 8 dry contact relays	\$140.00
1	Prewired w/ USA cords, 7 powered relays, 1 dry contact relay	140.00
2	Prewired w/ USA cords, 8 powered relays	140.00
3	Prewired w/ USA cords, 4 powered relays, 4 dry contact relays	140.00
4	Hardwired, 0 powered relays, 8 dry contact relays	n/c
5	Hardwired, 8 powered relays	n/c
6	Hardwired, 7 powered relays, 1 dry contact relay	n/c
7	Hardwired, 4 powered relays, 4 dry contact relays	n/c
<b>FLOW SWITCH OPTION</b>		
N	No flow switch, in-line sensors	n/c
L	Loose flow switch manifold, 20 ft. cable, low pressure	255.00
P	Flow switch manifold on PP panel, 5 ft. cable, low pressure	426.00
S	No flow switch, Submersion sensors	n/c
F	Loose flow switch manifold, 20 ft. cable, high pressure	659.00
H	Flow switch manifold on PP panel, 5 ft. cable, high pressure	831.00
* Both Towers get the same flow switch option. At least one sensor per manifold must be ordered.		
* If both sensors for a tower are conductivity, only sensor 1 is connected to the flow switch manifold, the other is assumed to be for makeup or closed loop. Only one manifold on a panel.		
<b>ANALOG OUTPUTS</b>		
N	None	n/c
1	One 4-20 mA output board	114.00
2	Two 4-20 mA output boards	228.00
3	Three 4-20 mA output boards	342.00
4	Four 4-20 mA output boards	456.00
<b>INPUT OPTIONS</b>		
N	None	n/c
A	Analog Input board (8 Inputs)	223.00
D	Digital Input board (6 Inputs)	168.00
B	Both Analog and Digital Input boards	391.00
<b>DIGITAL COMMS HARDWARE (USB AND ETHERNET ARE STANDARD)</b>		
N	No additional communications capability	n/c
M	Modem card	189.00
G	Cellular Modem card (requires VTouch activation)	599.00
<b>DIGITAL COMMS SOFTWARE (USB AND ETHERNET ARE STANDARD)</b>		
N	No additional capability	n/c
1	Ethernet Networking (Master Capability)	515.00
2	Modbus TCP	489.00
3	Ethernet Networking (Master Capability) + Modbus TCP	1,004.00

**WMT/WMD Accessories**

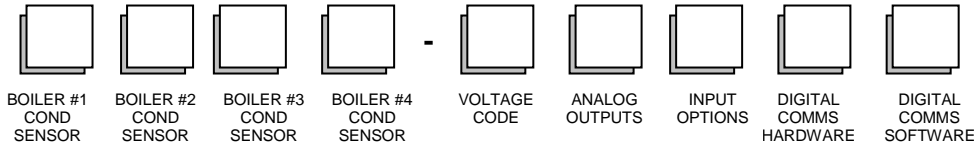
<b>PART # / CODE</b>	<b>DESCRIPTION</b>	<b>PRICE</b>
<b>Add-On Kits</b>		
191057	Kit, pH, Add-on, 5 ft. cable	\$665.00
191057-20	Kit, pH, Add-on, 20 ft. cable	679.00
191058	Kit, ORP, Add-on, 5 ft. cable	725.00
191058-20	Kit, ORP, Add-on, 20 ft. cable	740.00
191059	Kit, Contacting Conductivity, Add-on, 20 ft. for makeup	445.00
191060	Kit, Electrodeless Conductivity, Add-on, 20 ft. cable	802.00
191493	Kit, Free Chlorine/Bromine, ext pH range, Add-on, 20 ft. cable	1,776.00
191494	Kit, Free Chlorine/Bromine, ext pH range, Add-on w/manifold, 20 ft. cable	2,175.00
191495	Kit, Chlorine Dioxide, Add-on, 20 ft. cable	1,776.00
191496	Kit, Chlorine Dioxide, Add-on w/manifold, 20 ft. cable	2,175.00
<b>Extension Cables</b>		
102535	Cable, 3 twisted pair shielded (pH, ORP or Conductivity)	2.00/ft
102410	Cable, 2 wire (flow switch, water meter, etc)	0.63/ft
103006	Cable, 3 conductor for Hall Effect water meters and paddlewheel	0.84/ft
190851	Junction Box	67.00
<b>Calibration Standards</b>		
51369	Buffer, pH 4, pint	13.40
51370	Buffer, pH 7, pint	13.40
51371	Buffer, pH 10, pint	13.40
51372	Quinhydrone, 20 grams	77.00
51373	Calibration kit, ORP	110.00



## WMB8 Boiler Conductivity Controller

Web Master® ONE

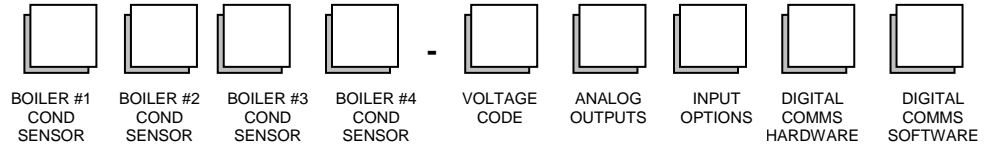
WMB 8



PART # / CODE	DESCRIPTION	PRICE (adder)
<b>WMB8</b>	<b>Multi I/O Boiler Controller</b>	<b>\$ 2307.00</b>
<b>BOILER #1 CONDUCTIVITY SENSOR</b>		
0	No conductivity sensor	n/c
1	Contacting electrode, 250 psi, cable sold separately	656.00
<b>BOILER #2 CONDUCTIVITY SENSOR</b>		
0	No conductivity sensor	n/c
1	Contacting electrode, 250 psi, cable sold separately	875.00
<b>BOILER #3 CONDUCTIVITY SENSOR</b>		
0	No conductivity sensor	n/c
1	Contacting electrode, 250 psi, cable sold separately	875.00
<b>BOILER #4 CONDUCTIVITY SENSOR</b>		
0	No conductivity sensor	n/c
1	Contacting electrode, 250 psi, cable sold separately	875.00
<b>VOLTAGE CODE</b>		
0	Prewired w/ USA power cord, 0 powered relays, 8 dry contact relays	140.00
1	Prewired w/ USA cords, 7 powered relays, 1 dry contact relay	140.00
2	Prewired w/ USA cords, 8 powered relays	140.00
3	Prewired w/ USA cords, 4 powered relays, 4 dry contact relays	140.00
4	Hardwired, 0 powered relays, 8 dry contact relays	n/c
5	Hardwired, 8 powered relays	n/c
6	Hardwired, 7 powered relays, 1 dry contact relay	n/c
7	Hardwired, 4 powered relays, 4 dry contact relays	n/c
<b>ANALOG OUTPUTS</b>		
N	None	n/c
1	One 4-20 mA output board	114.00
2	Two 4-20 mA output boards	228.00
3	Three 4-20 mA output boards	342.00
4	Four 4-20 mA output boards	456.00
<b>INPUT OPTIONS</b>		
N	None	n/c
A	Analog Input board (8 Inputs)	223.00
D	Digital Input board (6 Inputs)	168.00
B	Both Analog and Digital Input boards	391.00

**WMB Boiler Controller** *continued*

**WMB 8**



<b>PART # / CODE</b>	<b>DESCRIPTION</b>	<b>PRICE (adder)</b>
<b>DIGITAL COMMS HARDWARE (USB AND ETHERNET ARE STANDARD)</b>		
N	No additional communications capability	n/c
M	Modem card	\$189.00
G	Cellular card (requires VTouch activation)	599.00
<b>DIGITAL COMMS SOFTWARE (USB AND ETHERNET ARE STANDARD)</b>		
N	No additional capability	n/c
1	Ethernet Networking (Master Capability)	515.00
2	Modbus TCP	489.00
3	Ethernet Networking (Master Capability) + Modbus TCP	1,004.00

**WMB Accessories**

**Add-on Kits**

191085	Kit, Boiler Conductivity Add-on	875.00
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**Extension Cables**

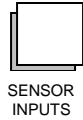
102535	Cable, 3 twisted pair shielded (Conductivity, pH or ORP)	2.00/ft
102410	Cable, 2 wire (flow switch, water meter, etc)	0.63/ft
103006	Cable, 3 conductor for Hall Effect water meters and paddlewheel	0.84/ft
190851	Junction Box	67.00



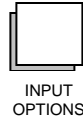
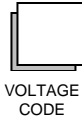
## WM18 Mixed Purpose Cooling Tower/Boiler Controller



**WM18**



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PART # / CODE	DESCRIPTION	PRICE (adder)
<b>WM18</b>	<b>Multi I/O Mixed Purpose Controller</b>	<b>\$ 2307.00</b>
<b>SENSOR INPUTS REQUIRED</b>		
1	One sensor input	n/c
2	Two sensor inputs	218.00
3	Three sensor inputs	436.00
4	Four sensor inputs	654.00
<i>Note: All sensors and flow switch manifolds must be purchased separately. See Sensor Options for WM18.</i>		
<b>VOLTAGE CODE</b>		
0	Prewired w/ USA power cord, 0 powered relays, 8 dry contact relays	140.00
1	Prewired w/ USA cords, 7 powered relays, 1 dry contact relay	140.00
2	Prewired w/ USA cords, 8 powered relays	140.00
3	Prewired w/ USA cords, 4 powered relays, 4 dry contact relays	140.00
4	Hardwired, 0 powered relays, 8 dry contact relays	n/c
5	Hardwired, 8 powered relays	n/c
6	Hardwired, 7 powered relays, 1 dry contact relay	n/c
7	Hardwired, 4 powered relays, 4 dry contact relays	n/c
<b>ANALOG OUTPUTS</b>		
N	None	n/c
1	One 4-20 mA output board	114.00
2	Two 4-20 mA output boards	228.00
3	Three 4-20 mA output boards	342.00
4	Four 4-20 mA output boards	456.00
<b>INPUT OPTIONS</b>		
N	None	n/c
A	Analog Input board (8 Inputs)	223.00
D	Digital Input board (6 Inputs)	168.00
B	Both Analog and Digital Input boards	391.00
<b>DIGITAL COMMS HARDWARE (USB AND ETHERNET ARE STANDARD)</b>		
N	No additional communications capability	n/c
M	Modem card	189.00
G	Cellular modem card (requires VTouch activation)	599.00
<b>DIGITAL COMMS SOFTWARE (USB AND ETHERNET ARE STANDARD)</b>		
N	No additional capability	n/c
1	Ethernet Networking (Master Capability)	515.00
2	Modbus TCP	489.00
3	Ethernet Networking (Master Capability) + Modbus TCP	1,004.00

## Sensor and Flow Switch Manifold Options for WM18

<b>The first step is to select your sensors.</b>		
<ul style="list-style-type: none"> <li>• If the sensor will be installed in a flow switch manifold on a panel, select from the list of sensors under <b>Panel Mounted Flow Switch Manifold Sensor Options</b>, as these sensors do not include the in-line mounting hardware.</li> <li>• If the sensor will be mounted in-line, select from the sensors under <b>In-Line Mounted Sensor Options</b>.</li> <li>• If the sensor will be mounted in a submersion application or in a loose manifold, select from the sensors under <b>Submersion Mounted or Loose Flow Switch Manifold Sensor Options</b>.</li> </ul>		
<b>The second step is to select the flow switch manifold (if required) to use with your sensors.</b>		
<ul style="list-style-type: none"> <li>• <b>Loose Flow Switch Manifold Options</b> are intended for use with Submersion Mounted Sensor Options with 20 ft. cables.</li> <li>• <b>Panel Mounted Manifold Options</b> are intended for use with Panel Mounted Flow Manifold Sensor Options with 5 ft. cables. Please note that for each controller, only one manifold may be mounted on a panel next to the controller.</li> </ul>		
Cables are available in 5 ft. (1.6m) or 20 ft. (6.1m) lengths. Order extension cable and junction box for longer runs. Boiler and high pressure cooling tower conductivity sensor assemblies include a preamp and junction box. Cable must be ordered separately (p/n 102535).		
<b>Maximum Cable Lengths</b>	<b>pH and ORP: 1000 ft. (305m)</b>	<b>Conductivity: 250 ft. (76m)</b>

<b>Sensor Options for Panel Mounted Flow Switch Manifolds (no in-line mounting hardware)</b>		<b>Price</b>
<b>pH</b>		
191202	pH, flat, 5 ft. cable, no tee, w/temp comp	\$422.00
191204	pH, high pressure, 10 ft. cable, in-line, with 190783 preamp	704.00
<b>ORP</b>		
191203	ORP, rod style, 5 ft. cable, no tee	436.00
191205	ORP, high pressure, 10 ft. cable, in-line, with 190783 preamp	704.00
<b>Contacting Conductivity (0-10,000µS/cm)</b>		
190984-05	Contacting, PP/Graphite, 5 ft. cable, no tee	161.00
191096-05	Contacting, PP/stainless, 5 ft. cable, no tee	215.00
191091	Contacting, 300 psi, no cable (high pressure tower) with preamp and j-box	656.00
<b>Electrodeless Conductivity (50-10,000µS/cm)</b>		
190988-05	Electrodeless, 5 ft. cable, no tee, CPVC	468.00
<b>In-Line Mounted Sensor Options (includes in-line mounting hardware)</b>		
<b>pH</b>		
WEL-PHF-12	pH, flat, 20 ft. cable, in-line	488.00
<b>ORP</b>		
WEL-MVR-22	ORP, rod style, 20 ft. cable, in-line	502.00
<b>Contacting Conductivity (0-10,000µS/cm)</b>		
191198	Contacting, PP/graphite, 20 ft. cable, in-line or submersion	227.00
191200	Contacting, PP/stainless, 20 ft. cable, in-line or submersion	281.00
191087	Contacting, 250 psi, no cable (boiler) with preamp and j-box	656.00
191091	Contacting, 300 psi, no cable (high pressure tower) with preamp and j-box	656.00
<b>Electrodeless Conductivity (50-10,000µS/cm)</b>		
191201	Electrodeless, 20 ft. cable, in-line w/mtg adapter, CPVC	593.00
<b>Disinfection</b>		
WFCXB-20	Free Chlorine/Bromine, ext.pH range, 20 ft. cable, with flow cell	1,557.00
WCDB-20	Chlorine Dioxide, 20 ft. cable, with flow cell	1,557.00

<b>Submersion Mounted or Loose Flow Switch Manifold Sensor Options</b>		
<b>pH</b>		<b>PRICE</b>
WEL-PHF-11	pH, flat, 20 ft. cable, submersion	\$422.00
<b>ORP</b>		
WEL-MVR-21	ORP, rod style, 20 ft. cable, submersion	436.00
<b>Contacting Conductivity (0-10,000µS/cm)</b>		
191198	Contacting, PP/graphite, 20 ft. cable, in-line or submersion	227.00
191200	Contacting, PP/stainless, 20 ft. cable, in-line or submersion	281.00
<b>Electrodeless Conductivity (50-10,000µS/cm)</b>		
190988	Electrodeless, 20 ft. cable, no mtg adapter, CPVC	468.00
<b>Disinfection (in-line only)</b>		
191446	Free Chlorine/Bromine, ext. pH range, 20 ft.cable, no mtg hardware	1,484.00
191362	Chlorine Dioxide, 20 ft.cable, no mtg hardware	1,484.00
<b>Loose Flow Switch Manifold Options</b>		
<b>For one sensor per manifold:</b>		
191007	Low pressure conductivity	213.00
191189	High pressure conductivity	573.00
191022	Low pressure electrodeless conductivity	213.00
191349	Disinfection	473.00
<b>For two sensors per manifold:</b>		
191008	Low pressure contacting conductivity + pH/ORP	275.00
191078	High pressure contacting conductivity + high pressure pH/ORP	947.00
191023	Low pressure electrodeless conductivity + pH/ORP	275.00
<b>For three sensors per manifold:</b>		
191009	Low pressure contacting conductivity + two H/ORP	345.00
191090	High pressure contacting conductivity + two high pressure pH/ORP	1,262.00
191024	Low pressure electrodeless conductivity + two pH/ORP	345.00
<b>Panel Mounted Manifold Options:</b>		
<b>For one sensor per manifold:</b>		
191206	Low pressure contacting conductivity on Polypro panel	256.00
191207	High pressure contacting conductivity on Polypro panel	616.00
191208	Low pressure electrodeless conductivity on Polypro panel	256.00
191348	Disinfection (note: WebMaster does not mount on panel)	578.00
<b>For two sensors per manifold:</b>		
191209	Low pressure conductivity + pH/ORP on Polypro panel	318.00
191210	High pressure contacting conductivity + high pressure pH/ORP on Polypro panel	1,028.00
191211	Low pressure electrodeless conductivity + pH/ORP on Polypro panel	318.00
<b>For three sensors per manifold:</b>		
191212	Low pressure contacting conductivity + two pH/ORP on Polypro panel	389.00
191213	High pressure contacting conductivity + two high pressure pH/ORP on Polypro panel	1,343.00
191214	Low pressure electrodeless conductivity + two pH/ORP on Polypro panel	389.00
<b>Extension Cable</b>		
102535	Cable, 3 twisted pair, shielded (pH, ORP, Conductivity)	2.00/ft
100084	Cable, 4 conductor (Disinfection)	0.74/ft
<b>Junction Box</b>		
190851	Junction Box	67.00

## Spare Parts for WMT8/WMD8/WMB8/WM18

PART # / CODE	DESCRIPTION	PRICE
<b>Circuit Boards</b>		
191040	4-20 mA Output Card	\$114.00
191041	Digital Input Card	168.00
191042	Analog Input Card	223.00
191215	Modem Card	189.00
191045	Sensor Input Card	218.00
191294	Power Supply, W800	152.00
191049	Display	134.00
191216	Relay Card, 7 Powered, 1 dry	264.00
191217	Relay Card, 8 Powered	264.00
191218	Relay Card, 4 powered, 4 dry	264.00
191219	Relay Card, 6 powered, 2 dry	264.00
191220	Relay Card, 8 dry contact	264.00
191239	Core Interface Board	671.00
191254	Core, WM1	473.00
<b>Fuses</b>		
102833	Fuse, F1, 1.6 amp	2.40
102834	Fuse, F2 and F3, 6.3 amp	3.50
102943	Pigtail, 120 VAC	5.40
<b>Sensors &amp; Preamplifiers</b>		
WEL-PHF-NN	Electrode, pH, Flat	150.00
WEL-MVR-NN	Electrode, ORP, Rod	211.00
102029	Electrode, pH, high pressure	352.00
102963	Electrode, ORP, high pressure	352.00
102606	Preamplifier Housing, pH/ORP, No ATC, 20 ft. cable, for WEL	225.00
102606-5	Preamplifier Housing, pH/ORP, No ATC, 5 ft. cable, for WEL	225.00
102581	Preamplifier Housing, pH/ORP, ATC, 20 ft. cable, for WEL	272.00
190783	Preamplifier, pH/ORP, for high pressure electrodes	173.00
191086	Preamp, for high pressure contacting conductivity electrode (190768)	110.00
190984	Electrode, Contacting Conductivity, Active, PP/Graphite	161.00
190988	Sensor, Electrodeless Conductivity, Active, CPVC, 10,000 $\mu$ S/cm	468.00
190768	Sensor, Contacting Conductivity, Boiler	314.00
103061	Sensor, Contacting Conductivity, high pressure tower, 300 psi	549.00
191096	Electrode, Contacting Conductivity, Active, PP/Stainless Steel, 20 ft. cable	215.00
191096-05	Electrode, Contacting Conductivity, Active, PP/Stainless Steel, 5 ft. cable	215.00
191445	Free Chlorine/Bromine sensor, ext. pH range, no cable	1,449.00
191280	Chlorine Dioxide sensor, no cable	1,449.00
<b>Electrode Mounting Parts</b>		
191289	Flow cell assembly, Chlorine/Bromine, Chlorine Dioxide	74.00
191303	Cable, disinfection sensors, 20 ft.	88.00
102586	Nut, for low pressure sensor mounting	24.50
102594	O-Ring, FKM, for low pressure sensor mounting	7.00
102884	Tee, for low pressure sensor mounting	35.00
102879-01	Elbow, for low pressure contacting conductivity sensors	35.00
102028	Gland, SS, High Temp/In-line (pH/ORP)	269.00
103212	Adapter, in line, for electrodeless conductivity sensor	100.00

103193	Cross, ¾", Black iron, boiler	\$51.00
103058	Tee, ¾" Black iron, boiler	38.00

### Flow Switch Parts

		<b>PRICE</b>
190996	Float, low pressure flow switch	\$46.00
190998	Switch, low pressure flow switch	70.00
102919	O-Ring, float retaining	2.40
190997	Flow switch, low pressure, complete	125.00
190997-20	Flow switch assembly, 20 ft. cable	137.00
102962	Flow switch, high pressure	373.00
102387	Sample Valve, low pressure	39.00
103056	Sample Valve, high pressure	40.00
102881	Flow Switch Body (Tee)	27.00

### Accessories

103263	USB cable	16.20
103268	USB Flash drive	69.00
103269	Modbus Upgrade code	513.00
103270	Networking "Master" Upgrade code	541.00
191516	Antenna Cable Extension Assy, 50'	205.00
191517	Antenna Cable Extension Assy, 100'	331.00

### Spare Parts for WMT7/WMB7/WGI7

<b>PART # / CODE</b>	<b>DESCRIPTION</b>	<b>PRICE</b>
191040	4-20 mA Output Card	\$114.00
191041	Digital Input Card	168.00
191042	Analog Input Card	223.00
191043	Ethernet Card	557.00
191044	Modem Card	445.00
191045	Sensor Input Card	218.00
191046	Power Supply, W700	152.00
191047	Relay Card, 7 powered, dry contact alarm, WMT7	264.00
191048	Relay Card, 6 powered, dry contact alarm/bleed, WMT7	264.00
191049	Display	134.00
191050	Core Interface Card, WMT7	479.00
191051	Core Card + memory module, WMT7	754.00
191051-M	Core Card + Master memory module, WMT7	1,295.00
191128	Core Card + memory module, WMT7, CE approved	754.00
191128-M	Core Card + Master memory module, WMT7, CE approved	1,295.00
191052	Memory module, WMT7	146.00
191052-M	Memory module, WMT7, master	541.00
191080	Relay Card, 8 powered	264.00
191081	Relay Card, 4 powered blowdown, 4 dry alarm/feed	264.00
191082	Core Card + memory module, WMB7	754.00
191082-M	Core Card + Master memory module, WMB7	1,295.00
191129	Core Card + memory module, WMB7, CE approved	754.00
191129-M	Core Card + Master memory module, WMB7, CE approved	1,295.00
191084	Memory module, WMB7	146.00

**Spare Parts for WMT7/WMB7/WGI7 (CONTINUED)****PRICE**

191084-M	Memory module, WMB7, master	\$541.00
191105	Core Interface Card, WMB7	479.00
191122	Relay Card, 8 powered, WGI	264.00
191123	Core Card + memory module, WGI	754.00
191123-M	Core Card + Master memory module, WGI	1,295.00
191130	Core Card + memory module, WGI, CE approved	754.00
191130-M	Core Card + Master memory module, WGI, CE approved	1,295.00
191124	Memory Module, WGI	146.00
191124-M	Memory Module, WGI master	541.00
191125	Core Interface Card, WGI	479.00
102833	Fuse, F1, 1.6 amp	2.40
102834	Fuse, F2 and F3, 6.3 amp	3.50
102943	Pigtail, 120V	5.40



## WCT400 Series Bleed & Feed Cooling Tower Controllers

WCT400 -



VOLTAGE



OUTPUT



OPTION



USB

PART # / CODE	DESCRIPTION	PRICE (adder)
<b>WCT400</b>	<b>Cooling Tower Controller – Bleed &amp; Feed</b>	<b>\$662.00</b>
<b>VOLTAGE</b>		
1	120 VAC, prewired	29.00
5	Hardwired, cable glands	n/c
<b>OUTPUT</b>		
N	No 4-20 mA output	n/c
4	Isolated 4-20 mA output	114.00
<b>OPTIONS</b>		
N	No electrode	-100.00
1	Graphite electrode & tee, 20 ft. cable (for in-line or submersion mounting)	n/c
2	Graphite electrode & flow switch manifold mounted on PP panel, 5 ft. cable	213.00
4	High pressure electrode (up to 300 psi)	549.00
5	High pressure electrode & flow switch manifold on PP panel, 5 ft. cable	1,119.00
6	SS electrode & tee, 20 ft. cable	55.00
7	SS electrode & flow switch manifold on PP panel, 5 ft. cable	268.00
<b>USB</b>		
U	Integrated datalogging and config file import/export via USB flash stick	n/c



## WCT410 Series Bleed & Feed Cooling Tower Controller with Biocide Timers

WCT410 -



VOLTAGE



OUTPUT



OPTION



USB

PART # / CODE	DESCRIPTION	PRICE
<b>WCT410</b>	<b>Cooling Tower Controller -Bleed &amp; Feed w/ 2 Biocides and Alarm</b>	<b>\$993.00</b>
<b>VOLTAGE</b>		
1	120 VAC, prewired	132.00
5	Hardwired, cable glands	n/c
<b>OUTPUT</b>		
N	No 4-20 mA output	n/c
4	Isolated 4-20 mA output	114.00
<b>OPTIONS</b>		
N	No electrode	-100.00
1	Graphite electrode & tee, 20 ft. cable (for in-line or submersion mounting)	n/c
2	Graphite electrode & flow switch manifold mounted on PP panel, 5 ft. cable	213.00
2L	Graphite electrode & flow switch manifold (loose, no panel), 20 ft. cable	180.00
4	High pressure electrode (up to 300 psi)	549.00
5	High pressure electrode & flow switch manifold on PP panel, 5 ft. cable	1,119.00
6	SS electrode & tee, 20 ft. cable (for in-line or submersion mounting)	55.00
7	SS electrode & flow switch manifold on PP panel, 5 ft. cable	268.00
<b>USB</b>		
U	Integrated datalogging and config file import/export via USB flash stick	n/c

## Spare Parts

<b>PART # / CODE</b>	<b>DESCRIPTION</b>	<b>PRICE</b>
<b>Electrodes</b>		
190986	Electrode, conductivity, cooling tower, nut mount style (graphite)	\$134.00
190986-05	Electrode assembly, Ccond, passive, .5'	134.00
191097	Electrode, conductivity, cooling tower, nut mount style (stainless steel)	188.00
103061	Electrode, conductivity, cooling tower, high pressure, 300 psi	549.00
<b>Electrode Mounting Parts</b>		
102884	Tee, 3/4" threaded, for 190986 electrode	35.00
102879-01	Elbow, 3/4" threaded, for 190986 electrode	35.00
102586	Nut, for 190986 or WEL electrode mounting	24.50
102594	O-Ring, FKM, for low pressure sensor mounting	6.70
<b>Flow Switch Manifold &amp; Parts</b>		
191007	Flow switch manifold, used with nut mount style conductivity electrode	213.00
191077	High pressure manifold, conductivity	672.00
102962	Switch, Flow switch manifold, high pressure	373.00
191020	Switch & Float assembly	118.00
190996	Float, for nut mount manifold	46.00
190998	Reed switch, for nut mount manifold	70.00
102919	O-ring, float retaining, for nut mount manifold	2.40
102387	Sample valve, low pressure	39.00
190997	Flow switch, 150 psi	125.00
190997-20	Flow switch assembly, 20 ft. cable	137.00
191037	Manifold assembly, ccond/FS retrofit kit	213.00
102881	Flow Switch Body (Tee)	27.00
<b>Fuses</b>		
103163	Fuse, 1 Amp, F1 for all W400 Series	3.50
102834	Fuse, 6 Amp, F2 for all W400 Series	3.50
102369	Fuse, 1/8 Amp, F1 for 120V W300 Series	3.50
102370	Fuse, 5 Amp, 240V W300 Series	3.50
102432	Fuse, 10 Amp, 120V W300 Series	3.50
103363	Fuse, 1/16Amp, F1 for 240V W300 Series	3.50
<b>Cable Extension Parts</b>		
102410	Cable for flow switch extension	0.63/ft
100084	Cable, 4 conductor with shield (to extend to ccond sensor cable)	0.74/ft
190949-10	Cable, 10 ft., to extend W300/400 ccond sensor, used with junction box	7.30
190949-25	Cable, 25 ft., to extend W300/400 ccond sensor, used with junction box	18.20
190949-50	Cable, 50 ft., to extend W300/400 ccond sensor, used with junction box	36.00
190949-100	Cable, 100 ft., to extend W300/400 ccond sensor, used with junction box	72.00
190851	Junction box	67.00

<b>Circuit Boards</b>		<b>PRICE</b>
191383	4-20mA Option Board, W400 series	\$114.00
191386	Power/Relay Board, WCT410	384.00
191387	Power/Relay Board, WCT400	172.00
191392	Label/Panel Assy, WCT400-N	458.00
191447	Label/Panel Assy, WCT400-U	663.00
191393	Label/Panel Assy, WCT410-N	764.00
191444	Label/Panel Assy, WCT410-U	969.00
191102	Label/Panel Assy, WCT300 -N	458.00
190817	Label/Panel Assy, WCT310 -N	764.00
190754	Power Supply Board w/Fuse, WCT300, 120V	172.00
190756	Power Supply Board w/Fuse, WCT300, 240V	172.00
190753	Power Supply Board w/Fuse, WCT310, 120V	384.00
190755	Power Supply Board w/Fuse, WCT310, 240V	384.00
190744	4-20 mA Option Board, W300 series	114.00



## WDT400 Series Dual Tower Bleed & Feed Controllers

WDT400 -



VOLTAGE



OUTPUT



SENSOR

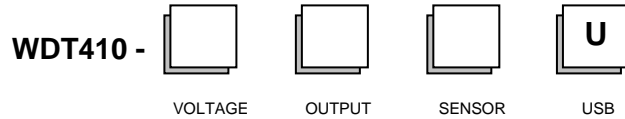


USB

PART # / CODE	DESCRIPTION	PRICE (adder)
<b>WDT400</b>	<b>Dual Cooling Tower Controller</b>	<b>\$1,130.00</b>
<b>VOLTAGE</b>		
1	120 VAC, prewired	132.00
5	Hardwired, cable glands	n/c
<b>OUTPUT</b>		
N	No 4-20 mA outputs	n/c
4	Single 4-20 mA output	114.00
2	Dual 4-20 mA outputs	228.00
<b>SENSOR</b>		
N	No electrodes	-200.00
1	Two graphite electrodes with tees (for in-line or submersion), 20 ft. cables	n/c
2	Two graphite electrodes & loose flow switches, 20 ft. cables	426.00
4	Two high pressure electrodes & glands (up to 300 psi)	896.00
5	Two high pressure electrodes & loose flow switch manifolds, 20 ft. cables	2,239.00
6	Two SS electrodes & tees, 20 ft. cables	110.00
7	Two SS electrodes & loose flow switch manifolds, 20 ft. cables	536.00
<b>USB</b>		
U	Integrated datalogging and config file import/export via USB flash stick	n/c



## WDT410 Bleed & Feed Cooling Tower Controller with Biocides, pH or ORP



PART # / CODE	DESCRIPTION	PRICE (adder)
<b>WDT410</b>	<b>Cooling Tower Controller -Bleed &amp; Feed w/2 Biocides</b>	<b>\$1,366.00</b>
<b>VOLTAGE</b>		0.00
1	120 VAC, prewired	132.00
5	Hardwired, cable glands	n/c
<b>OUTPUT</b>		
N	No 4-20 mA output	n/c
4	Single 4-20 mA output	114.00
2	Dual 4-20 mA outputs	228.00
<b>SENSORS</b>		
N	No electrodes	n/c
1	SS electrode, pH electrode & tees (in-line or submersion), 20 ft. cables	642.00
2	SS electrode, ORP electrode & tees (in-line or submersion), 20 ft. cables	669.00
3	SS electrode, pH electrode & flow switch manifold on PP panel, 5 ft. cables	1,028.00
4	SS electrode, ORP electrode & flow switch manifold on PP panel, 5 ft. cables	1,055.00
6	Graphite electrode, pH electrode & tees (in-line or submersion), 20 ft. cables	587.00
7	Graphite electrode, ORP electrode & tees (in-line or submersion), 20 ft. cables	614.00
7R	Graphite electrode, ORP rod style electrode & tees, (in-line or submersion) 20 ft. cables	648.00
8	Graphite electrode, pH electrode & flow switch manifold on PP panel, 5 ft. cable	973.00
9	Graphite electrode, ORP electrode & flow switch manifold on PP panel, 5 ft. cables	1,001.00
9R	Graphite electrode, ORP rod style electrode & flow switch manifold on PP panel, 5 ft. cables	1,034.00
A	High pressure electrodes (Cond + pH) w/flow switch on PP panel, 5-10 ft. cables	1,950.00
B	High pressure electrodes (Cond + ORP) w/flow switch on PP panel, 5-10 ft. cables	1,950.00
<b>USB</b>		
U	Integrated datalogging and config file import/export via USB flash stick	n/c

## WDT Series Cooling Tower Controllers *continued*

### Spare Parts

PART # / CODE	DESCRIPTION	PRICE
<b>Electrodes &amp; Preamplifier</b>		
190986	Electrode, conductivity, cooling tower, nut mount style (graphite)	\$134.00
190986-05	Electrode assembly, Ccond, passive, .5'	134.00
191097	Electrode, conductivity, cooling tower, nut mount style (stainless steel)	188.00
103061	Electrode, conductivity, cooling tower, high pressure, 300 psi	549.00
WEL-PHF-NN	Electrode, pH, cartridge only	150.00
WEL-MVF-NN	Electrode, ORP, cartridge only	177.00
WEL-MVR-NN	Electrode, ORP, rod style only	211.00
102606-5	Housing w/preamplifier, no ATC, WEL electrodes, 5 ft. cable	225.00
190783	Preamplifier, pH/ORP	173.00
102029	Electrode, high pressure, pH	352.00
102963	Electrode, high pressure, ORP	352.00
<b>Electrode Mounting Parts</b>		
102884	Tee, 3/4" threaded, for 190986 electrode	35.00
102879-01	Elbow, 3/4" threaded, for 190986 electrode	35.00
102586	Nut, for 190986 or WEL electrode mounting	24.50
102594	O-Ring, FKM, for low pressure sensor mounting	6.70
102028	Gland, SS, High Temp/In-line (pH/ORP)	269.00
<b>Flow Switch Manifolds &amp; Parts</b>		
191007	Flow switch manifold, used with nut mount style conductivity electrode	213.00
191008	Flow switch manifold, used with nut mount style cond. electrode +pH/ORP	275.00
191078	High pressure manifold, pH/ccond	947.00
191020	Switch & Float assembly	118.00
102962	Switch, Flow switch manifold, high pressure	373.00
190997	Flow switch, 150psi	125.00
190997-20	Flow switch assembly, 20 ft. cable	137.00
190996	Float, for nut mount manifold	46.00
190998	Reed switch, for nut mount manifold	70.00
102919	O-ring, float retaining, for nut mount manifold	2.40
102387	Sample valve, low pressure	39.00
102881	Flow Switch Body (Tee)	27.00
<b>Fuses</b>		
103163	Fuse, 1 Amp, F1 for all W400 series	3.50
102834	Fuse, 6 Amp, F2 for all W400 Series	3.50
102370	Fuse, 5 Amp, 240V W300 Series	3.50
102369	Fuse, 1/8 Amp, F1 for 120V W300 Series	3.50
102432	Fuse, 10 Amp, 120V W300 Series	3.50
103363	Fuse, 1/16 Amp, F1 for 240V W300 Series	3.50

## WDT Series Cooling Tower Controllers *continued*

<b>PART # / CODE</b>	<b>DESCRIPTION</b>	<b>PRICE</b>
<b>Cable extension parts</b>		
102410	Cable for flow switch extension	\$0.63/ft
100084	Cable, 4 conductor with shield (to extend to ccond sensor cable)	0.74/ft
190949-10	Cable, 10 ft., to extend W300/400 ccond sensor, used with junction box	7.30
190949-25	Cable, 25 ft., to extend W300/400 ccond sensor, used with junction box	18.20
190949-50	Cable, 50 ft., to extend W300/400 ccond sensor, used with junction box	36.00
190949-100	Cable, 100 ft., to extend W300/400 ccond sensor, used with junction box	72.00
190851	Junction box	67.00
<b>Circuit Boards</b>		
191383	4-20 mA Option Board, W400 series	114.00
191384	Conductivity sensor input board, WDT400 series	402.00
191385	pH/ORP sensor input board, WDT410 series	402.00
191431	Power/Relay Board, WDT400	384.00
191430	Power/Relay Board, WDT410	384.00
191397	Label/Panel Assy, WDT410-N	742.00
191452	Label/Panel Assy, WDT410-U	947.00
191409	Label/Panel Assy, WDT400-N	458.00
191464	Label/Panel Assy, WDT400-U	663.00
190896	Label/Panel Assy, WDT300	458.00
190744	4-20 mA Option Board, W300 series	114.00
190897	Label/Panel Assy, WDT310	742.00
190904	Power Supply Board w/Fuse, WDT300, 120V	384.00
190905	Power Supply Board w/Fuse, WDT300, 240V	384.00
190906	Power Supply Board w/Fuse, WDT310, 120V	384.00
190907	Power Supply Board w/Fuse, WDT310, 240V	384.00
190820	Dual input option board, W300 Series	402.00



## WECT400 Bleed & Feed Cooling Tower Controllers w/Econd Sensor

WECT400 -



WIRING  
OPTIONS



ANALOG  
OUTPUT



SENSOR



USB

PART # / CODE	DESCRIPTION	PRICE (adder)
<b>WECT400</b>	<b>Cooling Tower Controller – Bleed &amp; Feed</b>	<b>\$572.00</b>
<b>WIRING</b>		0.00
1	120 VAC, prewired	29.00
5	Hardwired, cable glands	n/c
<b>ANALOG OUTPUT</b>		
N	No Analog (4-20 mA) output	n/c
4	Single Isolated (4-20 mA) output	114.00
<b>SENSORS</b>		
N	No electrodes	n/c
1	Electrodeless conductivity sensor and tee, 20 ft. cable (for inline mounting)	515.00
2	Electrodeless conductivity sensor & flow switch manifold on PP panel, 5 ft. cable	728.00
2L	Electrodeless conductivity sensor & flow switch manifold (loose, no panel), 20 ft. cable	694.00
3	Submersion conductivity sensor (no tee or adaptor), 20 ft. cable	394.00
<b>USB DATA LOG &amp; CONFIGURATION FILE</b>		
U	Data logging and configuration file capability	n/c



## WECT410 Bleed & Feed Cooling Tower Controller w/Biocides, Econd Sensor

WECT410 -



WIRING  
OPTIONS



ANALOG  
OUTPUT



SENSOR



USB

PART # / CODE	DESCRIPTION	PRICE (adder)
<b>WECT410</b>	<b>Cooling Tower Controller -Bleed &amp; Feed w/ 2 Biocides and Alarm</b>	<b>\$930.00</b>
<b>WIRING</b>		
1	120 VAC, prewired	132.00
5	Hardwired, cable glands	
<b>ANALOG OUTPUT</b>		
N	No Analog (4-20 mA) output	n/c
4	Single Isolated (4-20 mA) output	114.00
<b>SENSORS</b>		
N	No electrodes	n/c
1	Electrodeless conductivity sensor and tee, 20 ft. cable (for inline mounting)	515.00
2	Electrodeless conductivity sensor & flow switch manifold on PP panel, 5 ft. cable	728.00
2L	Electrodeless conductivity sensor & flow switch manifold (loose, no panel), 20 ft. cable	694.00
3	Submersion conductivity sensor (no tee or adaptor), 20 ft. cable	394.00
<b>USB DATA LOG &amp; CONFIGURATION FILE</b>		
U	Data logging and configuration file capability	n/c



## WEDT410 Bleed & Feed Cooling Tower Controller, Biocides, Econd, pH/ORP

WEDT410 -



WIRING  
OPTIONS



ANALOG  
OUTPUT



SENSOR



USB

PART # / CODE	DESCRIPTION	PRICE (adder)
<b>WEDT410</b>	<b>Cooling Tower Controller -Bleed &amp; Feed w/2 Biocides</b>	<b>\$1,416.00</b>
<b>WIRING</b>		
1	120 VAC, prewired	132.00
5	Hardwired, cable glands	n/c
<b>ANALOG OUTPUT</b>		
N	No Analog (4-20 mA) output	n/c
4	Single Isolated (4-20 mA) output	114.00
2	Two Isolated (4-20 mA) outputs	229.00
<b>SENSORS</b>		
N	No electrodes	n/c
1	Electrodeless conductivity & pH sensors and tees,20 ft. cable (for inline mounting)	909.00
2R	Electrodeless conductivity & rod style ORP sensors & tees, 20 ft. cable (for inline mounting)	970.00
3	Electrodeless conductivity & pH sensors & flow switch manifold on PP panel	1,296.00
3R	Electrodeless conductivity & rod style ORP sensors & flow switch manifold on PP panel	1,370.00
<b>USB DATA LOG &amp; CONFIGURATION FILE</b>		
U	Data logging and configuration file capability	n/c

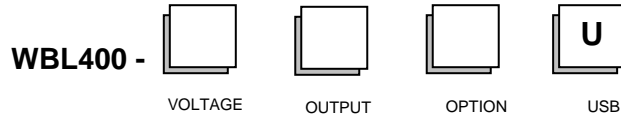
### Spare Parts

PART # / CODE	DESCRIPTION	PRICE
<b>Circuit Boards</b>		
191467	Label/Panel Assembly, WECT400-N	\$474.00
191469	Label/Panel Assembly, WECT400-U	678.00
191468	Label/Panel Assembly, WECT410-N	806.00
191470	Label/Panel Assembly, WECT410-U	1,011.00
191471	Label/Panel Assembly, WEDT410-N	793.00
191472	Label/Panel Assembly, WEDT410-U	998.00
191387	Power/Relay Board, WECT400	172.00
191386	Power/Relay Board, WECT410	384.00
191430	Power/Relay Board, WEDT410	384.00
191383	4-20mA Option Board, W400 Series	114.00

<b>Sensors</b>		<b>PRICE</b>
191474	Sensor, Econd, Active, CPVC, 0-10,000 uS/cm, 20 ft. cable, for WECT/EDT	\$394.00
191474-05	Sensor, Econd, Active, CPVC, 0-10,000 uS/cm, 5 ft. cable for WECT /EDT	394.00
WEL-PHF-NN	Electrode, pH, cartridge only	150.00
WEL-MVR-NN	Electrode, ORP, rod style only	211.00
102606-5	Housing w/preamplifier, no ATC, WEL electrodes, 5 ft. cable	225.00
<b>Sensor Mounting Parts</b>		
191157	Econd tee/adaptor with 3/4" reducers	135.00
102586	Nut, for sensor mounting	24.50
102594	O-Ring, FKM, for low pressure sensor mounting	6.70
<b>Flow Switch Manifolds &amp; Parts</b>		
191020	Switch & Float assembly	118.00
190997	Flow switch, 150 psi	125.00
190997-20	Flow switch assembly, 20 ft. cable	137.00
190996	Float, for nut mount manifold	46.00
190998	Reed switch, for nut mount manifold	70.00
102919	O-ring, float retaining, for nut mount manifold	2.40
102387	Sample valve, low pressure	39.00
102881	Flow Switch Body (Tee)	27.00
<b>Fuses</b>		0.00
103163	Fuse, 1 Amp, F1 for all W400 Series	3.50
102834	Fuse, 6 Amp, F2 for all W400 Series	3.50
<b>Cable Extension Parts</b>		
102410	Cable for flow switch extension	0.63/ft
190851	Junction box	67.00
102535	Cable, 6 conductor with shield (to extend conductivity sensor)	2.00/ft



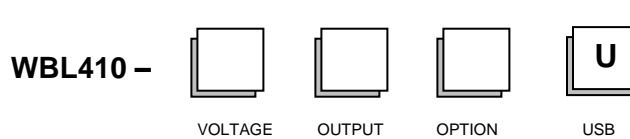
### WBL400 Series Bleed & Feed Boiler Controller



PART # / CODE	DESCRIPTION	PRICE (adder)
<b>WBL400</b>	<b>Boiler Controller - Bleed &amp; Feed</b>	<b>\$1,090.00</b>
<b>VOLTAGE</b>		
1	120 VAC, prewired	29.00
5	Hardwired, cable glands	n/c
<b>OUTPUT</b>		
N	No 4-20 mA output	n/c
4	Isolated 4-20 mA output	114.00
<b>OPTION</b>		
5	Standard electrode (up to 250 psi)	n/c
N	No electrode	-299.00
<b>USB</b>		
U	Integrated datalogging and config file import/export via USB flash stick	n/c



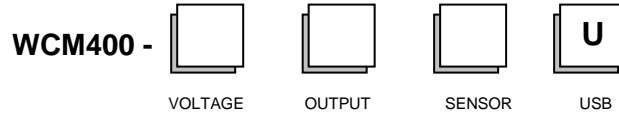
### WBL410 Series Bleed & Four Feed Boiler Controller



PART # / CODE	DESCRIPTION	PRICE (adder)
<b>WBL410</b>	<b>Boiler Controller - Bleed &amp; Four Feeds plus Alarm</b>	<b>\$1,145.00</b>
<b>VOLTAGE</b>		
1	120 VAC, prewired	29.00
5	Hardwired, cable glands	n/c
<b>OUTPUT</b>		
N	No 4-20 mA output	n/c
4	Isolated 4-20 mA output	114.00
<b>OPTION</b>		
5	Standard electrode (up to 250 psi)	n/c
N	No electrode	-299.00
<b>USB</b>		
U	Integrated datalogging and config file import/export via USB flash stick	n/c



## WCM400 Series Condensate Monitor



PART # / CODE	DESCRIPTION	PRICE (adder)
<b>WCM400</b>	<b>Dual Relay Condensate Monitor</b>	<b>\$1,090.00</b>
<b>VOLTAGE</b>		
1	120 VAC, prewired	29.00
5	Hardwired, cable glands	n/c
<b>OUTPUT</b>		
N	No 4-20 mA output	n/c
4	Isolated 4-20 mA output	114.00
<b>SENSOR</b>		
5	Standard electrode (up to 250 psi)	n/c
N	No electrode	- 299.00
<b>USB</b>		
U	Integrated datalogging and config file import/export via USB flash stick	n/c

### Spare Parts

PART # / CODE	DESCRIPTION	PRICE
<b>Electrodes</b>		
190762	Electrode, Boiler/Condensate, w/Junction Box	\$420.00
190762-NT	Electrode, Boiler Condensate, No temp, w/Junction Box	320.00
190768	Electrode, Boiler/Condensate, no Junction Box	314.00
103262	Electrode, Boiler/Condensate, no ATC, no Junction Box	205.00
<b>Fuses</b>		
103163	Fuse, 1 Amp, F1 for all W400 series	3.50
102834	Fuse, 6 Amp, F2 for all W400 Series	3.50
102370	Fuse, 5 Amp, 240V W300 Series	3.50
102369	Fuse, 1/8 Amp, F1 for 120V W300 Series	3.50
102432	Fuse, 10 Amp, 120V W300 Series	3.50
103363	Fuse, 1/16 Amp, F1 for 240V W300 Series	3.50
<b>Circuit Boards</b>		
191383	4-20 mA Option Board, W400 series	114.00
191434	Power/Relay Board, WBL410	384.00
191438	Power/Relay Board, WBL400	172.00
191439	Power/Relay Board, WCM400	172.00
191394	Label/Panel Assy, WBL400-N	528.00
191449	Label/Panel Assy, WBL400-U	733.00
191395	Label/Panel Assy, WBL410-N	528.00
191450	Label/Panel Assy, WBL410-U	733.00
191398	Label/Panel Assy, WCM400-N	528.00
191453	Label/Panel Assy, WCM400-U	733.00
190818	Label/Panel Assy, WCM300	528.00
190819	Label/Panel Assy, WBL300	528.00
191154	Label/Panel Assy, WBL310	528.00
190980	Power Supply Board, WBL300, 120V	172.00

		<b>PRICE</b>
190981	Power Supply Board, WBL300, 240V	\$172.00
190982	Power Supply Board, WCM300 120V	172.00
190983	Power Supply Board, WCM300, 240V	172.00
191155	Power Supply Board, WBL310, 120V	172.00
191156	Power Supply Board, WBL310, 240V	172.00
190744	4-20 mA Option Board, W300 series	114.00
<b>Cables</b>		
100084	Cable, 4 conductor with shield (to extend ccond sensor cable)	0.74/ft
190949-10	Cable, 10 ft., to extend W300/400 ccond sensor, used with junction box	7.30
190949-25	Cable, 25 ft., to extend W300/400 ccond sensor, used with junction box	18.20
190949-50	Cable, 50 ft., to extend W300/400 ccond sensor, used with junction box	36.00
190949-100	Cable, 100 ft., to extend W300/400 ccond sensor, used with junction box	72.00
190851	Junction box	67.00



### WDB400 Series Bleed & Feed Dual Boiler Controller

WDB400 -



VOLTAGE



OUTPUT



ELECTRODE



USB

PART # / CODE	DESCRIPTION	PRICE (adder)
<b>WDB400</b>	<b>Dual Boiler Controller</b>	<b>\$1,704.00</b>
<b>VOLTAGE</b>		
1	120 VAC, prewired	132.00
5	Hardwired, cable glands	n/c
<b>OUTPUT</b>		
N	No 4-20 mA output	n/c
4	Single isolated 4-20 mA output	114.00
2	Two isolated 4-20 mA outputs	228.00
<b>ELECTRODE</b>		
5	Two standard electrodes (up to 250 psi)	n/c
N	No electrodes	-598.00
<b>USB</b>		
U	Integrated datalogging and config file import/export via USB flash stick	n/c

### WDC400 Series Dual Input Condensate Monitor



WDC400 -



VOLTAGE



OUTPUT



ELECTRODE



USB

PART # / CODE	DESCRIPTION	PRICE (adder)
<b>WDC400</b>	<b>Dual Condensate Monitor</b>	<b>\$1,704.00</b>
<b>VOLTAGE</b>		
1	120 VAC, prewired	132.00
5	Hardwired, cable glands	n/c
<b>OUTPUT</b>		
N	No 4-20 mA output	n/c
4	Single isolated 4-20 mA output	114.00
2	Two isolated 4-20 mA outputs	228.00
<b>ELECTRODE</b>		
5	Two standard electrodes (up to 250 psi)	n/c
N	No electrodes	-598.00
<b>USB</b>		
U	Integrated datalogging and config file import/export via USB flash stick	n/c

## Spare Parts

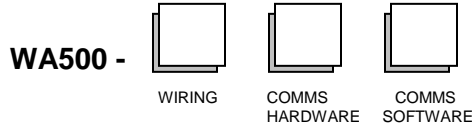
<b>PART # / CODE</b>	<b>DESCRIPTION</b>	<b>PRICE</b>
<b>Electrodes</b>		
190762	Electrode, Boiler/Condensate, w/Junction Box	\$420.00
190762-NT	Electrode, Boiler Condensate, No temp, w/Junction Box	320.00
190768	Electrode, Boiler/Condensate, no Junction Box	314.00
103262	Electrode, Boiler/Condensate, no ATC, no Junction Box	205.00
<b>Fuses</b>		
103163	Fuse, 1 Amp, F1 for all W400 series	3.50
102834	Fuse, 6 Amp, F2 for all W400 Series	3.50
102370	Fuse, 5 Amp, 240V W300 Series	3.50
102369	Fuse, 1/8 Amp, F1 for 120V W300 Series	3.50
102432	Fuse, 10 Amp, 120V W300 Series	3.50
103363	Fuse, 1/16 Amp, F1 for 240V W300 Series	3.50
<b>Circuit Boards</b>		
191383	4-20 mA Option Board, W400 series	114.00
191384	Conductivity sensor input board, WDB/WDC400 series	402.00
191432	Power/Relay Board, WDB400	384.00
191433	Power/Relay Board, WDC400	384.00
191396	Label/Panel Assy, WDB400-N	528.00
191451	Label/Panel Assy, WDB400-U	733.00
191399	Label/Panel Assy, WDC400-N	528.00
191454	Label/Panel Assy, WDC400-U	733.00
190820	Dual Input Option Board, W300	402.00
190895	Label/Panel Assy, WDC300	528.00
190894	Label/Panel Assy, WDB300	528.00
190900	Power Supply Board, WDB300, 120V	384.00
190901	Power Supply Board, WDB300, 240V	384.00
190902	Power Supply Board, WDC300, 120V	384.00
190903	Power Supply Board, WDC300, 240V	384.00
190744	4-20 mA Option Board	114.00
<b>Cables</b>		
100084	Cable, 4 conductor with shield (to extend ccond sensor cable)	0.74/ft
190949-10	Cable, 10 ft., to extend W300/400 ccond sensor, used with junction box	7.30
190949-25	Cable, 25 ft., to extend W300/400 ccond sensor, used with junction box	18.20
190949-50	Cable, 50 ft., to extend W300/400 ccond sensor, used with junction box	36.00
190949-100	Cable, 100 ft., to extend W300/400 ccond sensor, used with junction box	72.00
191094	CE Filter Kit	137.00

## SECTION II GENERAL INDUSTRIAL



### Process Monitors

#### WebAlert® Series Process Monitor



PART # / CODE	DESCRIPTION	PRICE (adder)
<b>WA500</b>	<b>Process Monitor</b>	<b>\$1,339.00</b>
<b>WIRING OPTIONS</b>		
H	Hardwire, cable glands	n/c
P	120VAC USA power cord w/cable glands	17.00
<b>DIGITAL COMMUNICATIONS HARDWARE (USB AND ETHERNET ARE STANDARD)</b>		
N	No additional hardware	n/c
M	Modem card	189.00
G	Cellular modem card (requires VTouch activation)	599.00
<b>DIGITAL COMMUNICATIONS SOFTWARE</b>		
N	No additional capability	n/c
I	Ethernet Networking (Master capability)	206.00

### Accessories

		PRICE
<b>Level Switches</b>		
190964-3	Level switch, 3 ft. maximum depth	\$135.00
190964-5	Level switch, 5 ft. maximum depth	145.00

### Spare Parts

PART # / CODE	DESCRIPTION	PRICE
191314	Process Monitor Board, WA500	\$541.00
191316	Power Supply - I/O Board, WA500	236.00
191317	Core Board, WA500	473.00
191317-M	Core Board with Master Capability, WA500	689.00
103319	Ribbon Cable	21.00
103320	Cover, WA500 Power Supply	38.00
103205	Networking Master Capability upgrade code	216.00
191118	103109 Modem + instructions (landline)	189.00

### Spare Parts for Obsolete WA400 WebAlert

PART # / CODE	DESCRIPTION	PRICE
191118	103109 Modem + instructions (landline)	\$189.00
103019	Null modem cable	17.00
191119	103075 Core card w/memory module + instructions	754.00
191119-M	103075 Core card w/Master memory module + instructions	970.00
191120	191093 Process monitor board + instructions	384.00
191121	191095 Power Supply Board + instructions	146.00
191131	Memory module, WA	146.00
191131-M	Memory module, WA, master	216.00
103205	Networking "Master" upgrade code	216.00

# pH/ORP/Conductivity/Disinfection

Web Master®



## WIND Industrial Water Controller

WIND8



SENSOR  
INPUTS

-



VOLTAGE  
CODE



ANALOG  
OUTPUTS



INPUT  
OPTIONS



DIGITAL  
COMMS  
HARDWARE



DIGITAL  
COMMS  
SOFTWARE

PART # / CODE	DESCRIPTION	PRICE (adder)
<b>WIND</b>	<b>Multi I/O Industrial Water Controller</b>	<b>\$2,950.00</b>
<b>SENSOR INPUTS REQUIRED</b>		
1	One sensor input	n/c
2	Two sensor inputs	218.00
3	Three sensor inputs	436.00
4	Four sensor inputs	654.00
<i>Note: All sensors and flow switch manifolds must be purchased separately. See Sensor/Flow Switch Options.</i>		
<b>VOLTAGE CODE</b>		
0	Prewired w/ USA power cord, 0 powered relays, 8 dry contact relays	140.00
1	Prewired w/ USA cords, 7 powered relays, 1 dry contact relay	140.00
2	Prewired w/ USA cords, 8 powered relays	140.00
3	Prewired w/ USA cords, 4 powered relays, 4 dry contact relays	140.00
4	Hardwired, 0 powered relays, 8 dry contact relays	n/c
5	Hardwired, 8 powered relays	n/c
6	Hardwired, 7 powered relays, 1 dry contact relay	n/c
7	Hardwired, 4 powered relays, 4 dry contact relays	n/c
E	Prewired w/ USA power cord, 4 powered relays, 4 opto-isolated (pulse) relays	140.00
F	Prewired w/ USA cords, 4 dry contact relays, 4 opto-isolated (pulse) relays	140.00
G	Hardwired, 4 powered relays, 4 opto-isolated (pulse) relays	n/c
H	Hardwired, 4 dry contact relays, 4 opto-isolated (pulse) relays	n/c
<b>ANALOG OUTPUTS</b>		
N	None	n/c
1	One 4-20 mA output board	114.00
2	Two 4-20 mA output boards	228.00
3	Three 4-20 mA output boards	342.00
4	Four 4-20 mA output boards	456.00
<b>INPUT OPTIONS</b>		
N	None	n/c
A	Analog Input board (8 Inputs)	223.00
D	Digital Input board (6 Inputs)	168.00
B	Both Analog and Digital Input boards	391.00
<b>DIGITAL COMMS HARDWARE (USB AND ETHERNET ARE STANDARD)</b>		
N	No additional communications capability	n/c
M	Modem card	189.00
G	Cellular modem card (requires VTouch activation)	599.00
<b>DIGITAL COMMS SOFTWARE (USB AND ETHERNET ARE STANDARD)</b>		
N	No additional capability	n/c
1	Ethernet Networking (Master Capability)	515.00
2	Modbus TCP	489.00
3	Ethernet Networking (Master Capability) + Modbus TCP	1,004.00

## Sensor and Flow Switch Manifold Options for WIND

<b>The first step is to select your sensors.</b>		
<ul style="list-style-type: none"> <li>• If the sensor will be installed in a flow switch manifold on a panel, select from the list of sensors under <b>Panel Mounted Flow Switch Manifold Sensor Options</b>, as these sensors do not include the in-line mounting hardware.</li> <li>• If the sensor will be mounted in-line, select from the sensors under <b>In-Line Mounted Sensor Options</b>.</li> <li>• If the sensor will be mounted in a submersion application or in a loose manifold, select from the sensors under <b>Submersion Mounted or Loose Flow Switch Manifold Sensor Options</b>.</li> </ul>		
<b>The next step is to select the flow switch manifold (if required) to use with your sensors.</b>		
<ul style="list-style-type: none"> <li>• <b>Loose Flow Switch Manifold Options</b> are intended for use with Submersion Mounted Sensor Options with 20 ft. cables.</li> <li>• <b>Panel Mounted Manifold Options</b> are intended for use with Panel Mounted Flow Manifold Sensor Options with 5 ft. cables. Please note that for each controller, only one manifold may be mounted on a panel next to the controller.</li> </ul>		
Cables are available in 5 ft. (1.6m) or 20 ft. (6.1m) lengths. Order extension cable and junction box for longer runs. High-pressure conductivity sensor assemblies include a preamp and junction box. Cable must be ordered separately (p/n 102535).		
<b>Maximum Cable Lengths</b>	<b>pH, ORP and Disinfection: 1000 ft. (305m)</b>	<b>Conductivity: 250 ft. (76m)</b>

<b>Sensor Options for Panel Mounted Flow Switch Manifolds (no in-line mounting hardware)</b>		<b>Price</b>
<b>pH</b>		
191202	pH, flat, 5 ft. cable, no tee, w/temp comp	\$422.00
191351	pH, flat, 5 ft. cable, no tee, w/o temp comp	375.00
191352	pH, bulb, 5 ft. cable, no tee, w/temp comp	400.00
191353	pH, bulb, 5 ft. cable, no tee, w/o temp comp	353.00
191354	pH, flat, HF resistant, 5 ft. cable, w/temp comp	449.00
191355	pH, flat, HF resistant, 5 ft. cable, w/o temp comp	402.00
191356	pH, bulb, HF resistant, 5 ft. cable, w/temp comp	492.00
191357	pH, bulb, HF resistant, 5 ft. cable, w/o temp comp	445.00
191358	pH, low ionic strength, 5 ft. cable	459.00
191359	pH, low ionic strength, 5 ft. cable, w/o temp comp	412.00
191204	pH, high pressure, 10 ft. cable, in-line, with 190783 preamp	704.00
<b>ORP</b>		
191203	ORP, rod style, 5 ft. cable, no tee, w/o temp comp	436.00
191360	ORP, flat style, 5 ft. cable, no tee, w/o temp comp	402.00
191205	ORP, high pressure, 10 ft. cable, in-line, with 190783 preamp	704.00
<b>Contacting Conductivity</b>		
190984-05	Contacting, PP/Graphite, 5 ft. cable, no tee	161.00
191096-05	Contacting, PP/stainless, 5 ft. cable, no tee	215.00
191091	Contacting, 300 psi, no cable, with preamp and j-box	656.00
<b>Electrodeless Conductivity</b>		
191190-05	Electrodeless, 0.1 - 1 mS/cm, 5 ft. cable, no tee, no mtg adapter, CPVC	468.00
190988-05	Electrodeless, 1 - 10 mS/cm, 5 ft. cable, no tee, no mtg adapter, CPVC	468.00
191108-05	Electrodeless, 10 - 100 mS/cm, 5 ft. cable, no tee, no mtg adapter, CPVC	468.00
191113-05	Electrodeless, 100 - 1000 mS/cm, 5 ft. cable, no tee, no mtg adapter, CPVC	468.00

<b>In-Line Mounted Sensor Options (includes in-line mounting hardware)</b>		<b>PRICE</b>
<b>pH</b>		
WEL-PHF-12	pH, flat, 20 ft. cable, in-line, w/tee, w/ temp comp	\$488.00
WEL-PHF-22	pH, flat, 20 ft. cable, in-line, w/tee, w/o temp comp	441.00
WEL-PHB-12	pH, bulb, 20 ft. cable, in-line, w/tee, w/ temp comp	466.00
WEL-PHB-22	pH, bulb, 20 ft. cable, in-line, w/tee, w/o temp comp	419.00
WEL-PHH-12	pH, flat, HF resistant, 20 ft. cable, in-line, w/tee, w/ temp comp	516.00
WEL-PHH-22	pH, flat, HF resistant, 20 ft. cable, in-line, w/tee, w/o temp comp	468.00
WEL-HFB-12	pH, bulb, HF resistant, 20 ft. cable, in-line, w/tee, w/ temp comp	559.00
WEL-HFB-22	pH, bulb, HF resistant, 20 ft. cable, in-line, w/tee, w/o temp comp	511.00
WEL-PHLI-12	pH, low ionic strength (under 100µS/cm), 20 ft. cable, in-line, w/tee, w/temp comp	525.00
WEL-PHLI-22	pH, low ionic strength (under 100µS/cm), 20 ft. cable, in-line, w/tee, w/o temp comp	478.00
191204	pH, high pressure, in-line, 10 ft. cable, with 190783 preamp	704.00
<b>ORP</b>		
WEL-MVR-22	ORP, rod style, 20 ft. cable, in-line	502.00
191205	ORP, high pressure, 10 ft. cable, in-line, with 190783 preamp	704.00
<b>Contacting Conductivity (0-10,000µS/cm)</b>		
191198	Contacting, PP/graphite, 20 ft. cable, in-line or submersion	227.00
191200	Contacting, PP/stainless, 20 ft. cable, in-line or submersion	281.00
191091	Contacting, 300 psi, no cable, with preamp and j-box	656.00
<b>Electrodeless Conductivity</b>		
191364	Electrodeless, 0.1 - 1 mS/cm, 20 ft. cable, in-line w/mtg adapter, CPVC	593.00
191201	Electrodeless, 1 - 10 mS/cm, 20 ft. cable, in-line w/mtg adapter, CPVC	593.00
191365	Electrodeless, 10 - 100 mS/cm, 20 ft. cable, in-line w/mtg adapter, CPVC	593.00
191366	Electrodeless, 100 - 1000 mS/cm, 20 ft. cable, in-line w/mtg adapter, CPVC	593.00
191367	Electrodeless, 0.1 - 1 mS/cm, 20 ft. cable, in-line w/mtg adapter, PEEK	1,173.00
191368	Electrodeless, 1 - 10 mS/cm, 20 ft. cable, in-line w/mtg adapter, PEEK	1,173.00
191369	Electrodeless, 10 - 100 mS/cm, 20 ft. cable, in-line w/mtg adapter, PEEK	1,173.00
191370	Electrodeless, 100 - 1000 mS/cm, 20 ft. cable, in-line w/mtg adapter, PEEK	1,173.00
<b>Disinfection</b>		
WFCB-20	Free Chlorine/Bromine Sensor, 20 ppm, Flow Cell, 20 ft. cable	1,344.00
WFCXB-20	Free Chlorine/Bromine Sensor, ext. pH range, 20 ppm, Flow Cell, 20 ft. cable	1,557.00
WTCB-20	Total Chlorine Sensor, 20 ppm, Flow cell, 20 ft. cable	1,680.00
WCDB-20	Chlorine Dioxide Sensor, 20 ppm, Flow Cell, 20 ft. cable	1,557.00
WOZB-20	Ozone Sensor, 20 ppm, Flow Cell, 20 ft. cable	1,977.00
WPAB-20	Peracetic Acid Sensor, 2000 ppm, Flow Cell, 20 ft. cable	1,775.00
<b>Submersion Mounted or Loose Flow Switch Manifold Sensor Options</b>		
<b>pH</b>		
WEL-PHF-11	pH, flat, 20 ft. cable, submersion, w/temp comp	422.00
WEL-PHF-21	pH, flat, 20 ft. cable, submersion, w/o temp comp	375.00
WEL-PHB-11	pH, bulb, 20 ft. cable, submersion, w/temp comp	400.00
WEI-PHB-21	pH, bulb, 20 ft. cable, submersion, w/o temp comp	353.00
WEL-PHH-11	pH, flat, HF resistant, 20 ft. cable, submersion, w/temp comp	449.00
WEI-PHH-21	pH, flat, HF resistant 20 ft. cable, submersion, w/o temp comp	402.00
WEL-HFB-11	pH, bulb, HF resistant, 20 ft. cable, submersion, w/temp comp	492.00
WEI-HFB-21	pH, bulb, HF resistant 20 ft. cable, submersion, w/o temp comp	445.00
WEL-PHLI-11	pH, low ionic strength (under 100 µS/cm), 20 ft. cable, submersion, w/temp comp	459.00
WEI-PHLI-21	pH, Low ionic strength (under 100 µS/cm), 20 ft. cable, submersion, w/o temp comp	412.00

<b>ORP</b>		<b>PRICE</b>
WEL-MVR-21	ORP, rod style, 20 ft. cable, submersion	\$436.00
WEL-MVF-21	ORP, flat style, 20 ft. cable, submersion	402.00
<b>Contacting Conductivity (0-10,000µS/cm)</b>		
191198	Contacting, PP/graphite, 20 ft. cable, in-line or submersion	227.00
191200	Contacting, PP/stainless, 20 ft. cable, in-line or submersion	281.00
<b>Electrodeless Conductivity</b>		
191190	Electrodeless, 0.1 - 1 mS/cm, 20 ft. cable, no tee, no mtg adapter, CPVC	468.00
190988	Electrodeless, 1 - 10 mS/cm, 20 ft. cable, no tee, no mtg adapter, CPVC	468.00
191108	Electrodeless, 10 - 100 mS/cm, 20 ft. cable, no tee, no mtg adapter, CPVC	468.00
191113	Electrodeless, 100 - 1000 mS/cm, 20 ft. cable, no tee, no mtg adapter, CPVC	468.00
191191	Electrodeless, 0.1 - 1 mS/cm, 20 ft. cable, no tee, no mtg adapter, PEEK	1,009.00
191192	Electrodeless, 1 - 10 mS/cm, 20 ft. cable, no tee, no mtg adapter, PEEK	1,009.00
191193	Electrodeless, 10 - 100 mS/cm, 20 ft. cable, no tee, no mtg adapter, PEEK	1,009.00
191194	Electrodeless, 100 - 1000 mS/cm, 20 ft. cable, no tee, no mtg adapter, PEEK	1,009.00
<b>Disinfection (in-line only)</b>		
191361	Free Chlorine/Bromine, 20 ft. cable, no mounting hardware	1,271.00
191446	Free Chlorine/Bromine, ext. pH range, 20 ft. cable, no mounting hardware	1,484.00
191499	Total Chlorine, 20 ft. cable, no mounting hardware	1,607.00
191362	Chlorine Dioxide, 20 ft. cable, no mounting hardware	1,484.00
191363	Ozone, 20 ft. cable, no mounting hardware	1,904.00
191350	Peracetic Acid, 20 ft. cable, no mounting hardware	1,701.00
<b>Loose Flow Switch Manifold Options</b>		
<b>For one sensor per manifold:</b>		
191006	Low pressure pH or ORP	232.00
191371	High pressure pH or ORP	804.00
191007	Low pressure contacting conductivity	213.00
191189	High pressure contacting conductivity	573.00
191022	Low pressure electrodeless conductivity	213.00
191349	Disinfection	473.00
<b>For two sensors per manifold:</b>		
191005	Two low pressure pH or ORP	329.00
191372	Two high pressure pH or ORP	1,200.00
191008	Low pressure contacting conductivity + pH/ORP	275.00
191078	High pressure contacting conductivity + high pressure pH/ORP	947.00
191023	Low pressure electrodeless conductivity + pH/ORP	275.00
		0.00
<b>For three sensors per manifold:</b>		
191009	Low pressure conductivity + two pH/ORP	345.00
191090	High pressure conductivity + two pH/ORP	1,262.00
191024	Electrodeless conductivity + two pH/ORP	345.00
<b>Panel Mounted Manifold Options:</b>		
<b>For one sensor per manifold:</b>		
191307	Low pressure pH or ORP on Polypro panel	275.00
191373	High pressure pH or ORP on Polypro panel	885.00
191206	Low pressure contacting conductivity on Polypro panel	256.00
191207	High pressure contacting conductivity on Polypro panel	616.00
191208	Low pressure electrodeless conductivity on Polypro panel	256.00
191348	Disinfection (note: WIND controller does not mount on panel)	578.00

<b>For two sensors per manifold:</b>		<b>PRICE</b>
191374	Two low pressure pH or ORP on Polypro panel	\$372.00
191375	Two high pressure pH or ORP on Polypro panel	1,281.00
191209	Low pressure contacting conductivity + pH/ORP on Polypro panel	318.00
191210	High pressure contacting conductivity + high pressure pH/ORP on Polypro panel	1,028.00
191211	Low pressure electrodeless conductivity + pH/ORP on Polypro panel	318.00
<b>For three sensors per manifold:</b>		
191212	Low pressure contacting conductivity + two pH/ORP on Polypro panel	389.00
191213	High pressure contacting conductivity + two high pressure pH/ORP on Polypro panel	1,343.00
191214	Low pressure electrodeless conductivity + two pH/ORP on Polypro panel	389.00
<b>Extension Cable</b>		
102535	Cable, 3 twisted pair, shielded (pH, ORP, Conductivity)	2.00/ft
100084	Cable, 4 conductor (Disinfection)	0.74/ft
<b>Junction Box</b>		
190851	Junction Box	66.00

## Spare Parts for WIND

<b>PART # / CODE</b>	<b>DESCRIPTION</b>	<b>PRICE</b>
<b>Circuit Boards</b>		
191040	4-20 mA Output Card	\$114.00
191041	Digital Input Card	168.00
191042	Analog Input Card	223.00
191215	Modem Card	189.00
191045	Sensor Input Card	218.00
191294	Power Supply, W800	152.00
191049	Display	134.00
191216	Relay Card, 7 Powered, 1 dry	264.00
191217	Relay Card, 8 Powered	264.00
191218	Relay Card, 4 powered, 4 dry	264.00
191219	Relay Card, 6 powered, 2 dry	264.00
191220	Relay Card, 8 dry contact	264.00
191426	Relay Card, 4 powered, 4 opto-isolated	264.00
191427	Relay Card, 4 dry contact, 4 opto-isolated	264.00
191379	Core Interface Board, WIND	671.00
191265	Core, WIND	473.00
<b>Fuses</b>		
102833	Fuse, F1, 1.6 amp	2.40
102834	Fuse, F2 and F3, 6.3 amp	3.50
102943	Pigtail, 120 VAC	5.40
<b>pH/ORP/Cond sensors &amp; preamplifiers</b>		
WEL-PHF-NN	Electrode, pH, Flat	150.00
WEL-MVR-NN	Electrode, ORP, Rod	211.00
102029	Electrode, pH, high pressure	352.00
102963	Electrode, ORP, high pressure	\$352.00
102606	Preamplifier Housing, pH/ORP, No ATC, 20 ft. cable, for WEL	225.00
102606-5	Preamplifier Housing, pH/ORP, No ATC, 5 ft. cable, for WEL	225.00
102581	Preamplifier Housing, pH/ORP, ATC, 20 ft. cable, for WEL	272.00
190783	Preamplifier, pH/ORP, for high pressure electrodes	173.00

<b>PART # / CODE</b>	<b>DESCRIPTION</b>	<b>PRICE</b>
191086	Preamp, for high pressure contacting conductivity electrode (190768)	\$110.00
190984	Electrode, Contacting Conductivity, Active, PP/Graphite	161.00
190988	Sensor, Econd, 10 mS/cm, 20 ft. cable, no tee, no mtg adapter, Active, CPVC	468.00
190768	Sensor, Contacting Conductivity, Boiler	314.00
103061	Sensor, Contacting Conductivity, high pressure tower, 300 psi	549.00
191096	Electrode, Contacting Conductivity, Active, PP/Stainless Steel, 20 ft. cable	215.00
191096-05	Electrode, Contacting Conductivity, Active, PP/Stainless Steel, 5 ft. cable	215.00
<b>pH/ORP/Cond electrode mounting parts</b>		
102586	In-Line Mounting Nut	24.50
102594	O-Ring, FKM, for low pressure sensor mounting	6.70
102586	Nut, for low pressure sensor mounting	24.50
102884	Tee, for low pressure sensor mounting	35.00
102879-01	Elbow, for low pressure contacting conductivity sensors	35.00
102028	Gland, SS, High Temp/In-line (pH/ORP)	269.00
103212	Adapter, in line, for electrodeless conductivity sensor	100.00
103193	Cross, ¾", Black iron, boiler	51.00
103058	Tee, ¾" Black iron, boiler	38.00
<b>Disinfection sensor and cable assemblies (purchased in conjunction with flow switch manifolds)</b>		
191361	Free Chlorine/Bromine, 20 ppm, 20 ft. cable, no mounting hardware	1,271.00
191446	Free Chlorine/Bromine, ext. pH range, 20 ppm, 20 ft. cable, no mounting hardware	1,484.00
191499	Total Chlorine, 20 ppm, 20 ft. cable, no mounting hardware	1,607.00
191362	Chlorine Dioxide, 20 ppm, 20 ft. cable, no mounting hardware	1,484.00
191363	Ozone, 10 ppm, 20 ft. cable, no mounting hardware	1,904.00
191350	Peracetic Acid, 2000 ppm, 20 ft. cable, no mounting hardware	1,701.00
191540	Hydrogen Peroxide, 2000 ppm, 20 ft. cable, no mounting hardware	1,904.00
<b>Flow switch manifolds</b>		
191349	Disinfection manifold, loose	473.00
191348	Disinfection manifold, on polypro panel	578.00
<b>Replacement disinfection sensors</b>		
191300	Free Chlorine/Bromine Sensor, 20 ppm, no cable	1,236.00
191445	Free Chlorine/Bromine Sensor, ext. pH range, 20 ppm, no cable	1,449.00
191492	Total Chlorine Sensor, 20 ppm, no cable	1,572.00
191280	Chlorine Dioxide Sensor, 20 ppm, no cable	1,449.00
191320	Ozone Sensor, 20 ppm, no cable	1,869.00
191338	Peracetic Acid Sensor, 2000 ppm, no cable	1,666.00
191539	Hydrogen Peroxide, 2000 ppm, no cable	1,869.00

<b>PART # / CODE</b>	<b>DESCRIPTION</b>	<b>PRICE</b>
<b>Membrane caps</b>		
103462	Membrane Cap, Chlorine Dioxide and 200/2,000 ppm Hydrogen Peroxide and 200/2,000 ppm Peracetic Acid (PVC body)	118.00
103759	Membrane Cap, 20,000 ppm Peracetic Acid (PVC body) and 20,000 ppm Hydrogen Peroxide	139.00
103758	Membrane Cap, 20,000 ppm Peracetic Acid (PEEK body)	292.00
103463	Membrane Cap, 2/20/200 ppm Free Chlorine/Bromine (not Ext pH range)	87.00
103712	Membrane Cap, 20 ppm Free Chlorine/Bromine (Ext pH range), and 20 ppm Total Chlorine	118.00
103498	Membrane Cap, 10 ppm Ozone	138.60
<b>Electrolyte</b>		
103475	Electrolyte, 100 mL, 2/20/200 ppm Chlorine Dioxide and 200/2,000 ppm Peracetic Acid (PVC body)	50.00
103474	Electrolyte, 100 mL, 2/20/200 ppm Free Chlorine/Bromine (not Ext pH range)	36.00
103726	Electrolyte, 100 mL, 20 ppm Free Chlorine/Bromine (Ext. pH range)	71.00
103713	Electrolyte, 100 mL, 20 ppm Total Chlorine	58.00
103500	Electrolyte, 100 mL, 10 ppm Ozone	50.00
103501	Electrolyte, 100 mL, 200/2,000 Peracetic Acid (PVC body) and 20,000 Peracetic Acid (PEEK body)	71.00
103760	Electrolyte, 100 mL, 20,000 ppm Peracetic Acid (PVC body)	71.00
103761	Electrolyte, 100 mL, 200/2,000/20,000 ppm Hydrogen Peroxide	71.00
<b>Isoplast flow cell parts</b>		
191289	Flow Cell Assembly, Disinfection sensors	74.00
102586	In-Line Mounting Nut	24.50
102594	O-Ring, FKM, for low pressure sensor mounting	6.70
191279-R	Flow Cell Body	42.00
103419	Washer Set	30.00
103421	Clip Ring	8.80
103422	O-Ring, Washer	1.10
<b>Acrylic flow cell</b>		
103742	Acrylic Flow Cell (used with PEEK Peracetic Acid sensor)	1,238.00
<b>Cables</b>		
191303	Cable, Disinfection sensors, 20 ft.	88.00
191303-05	Cable, Disinfection sensors, 5 ft.	72.00
<b>Flow switch manifold parts</b>		
190996	Float, low pressure flow switch	46.00
190998	Switch, low pressure flow switch	70.00
102919	O-Ring, float retaining	2.40
190997	Flow switch, low pressure, complete	125.00
102962	Flow switch, high pressure	373.00
102387	Sample Valve, low pressure	39.00
103056	Sample Valve, high pressure	40.00
102881	Flow Switch Body (Tee)	27.00
103519	Rotameter	140.00

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**Accessories**

103263	USB cable	16.20
103268	USB Flash drive	69.00
103269	Modbus Upgrade code	513.00
103270	Networking “Master” Upgrade code	541.00
191516	Antenna Cable Extension Assy, 50'	205.00
191517	Antenna Cable Extension Assy, 100'	331.00

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## WDIS Series Disinfection Controller

WDIS410 -



WIRING



DATA  
OUTPUT



SENSOR  
OPTIONS



USB

PART # / CODE	DESCRIPTION	PRICE (adder)
<b>WDIS410</b>	<b>Disinfection Controller</b>	<b>\$1,253.00</b>
<b>WIRING OPTIONS</b>		0.00
1	120 VAC, Prewired w/USA power cord and 6" pigtails	59.00
5	Hardwired, cable glands	n/c
<b>DATA OUTPUT</b>		
N	No 4-20 mA output	n/c
4	Single Isolated 4-20 mA output	114.00
2	Two (2) Isolated 4-20 mA outputs	228.00
<b>SENSOR OPTIONS</b>		
N	No sensor	n/c
1	Free Chlorine/Bromine sensor, 0-20 ppm, w/flow cell and 20 ft. cable	1,344.00
2	Chlorine Dioxide sensor, 0-20 ppm, w/flow cell and 20 ft. cable	1,557.00
3	Ozone sensor, 0-20 ppm, w/flow cell and 20 ft. cable	1,977.00
4	Peracetic Acid sensor, 0-2000 ppm, w/flow cell and 20 ft. cable	1,775.00
A	Free Chlorine/Bromine sensor, 0-20 ppm, ext. pH range w/flow cell and 20 ft. cable	1,557.00
5	Free Chlorine/Bromine sensor, 0-20 ppm, w/flow manifold and 5 ft. cable on panel	1,869.00
6	Chlorine Dioxide sensor, 0-20 ppm, w/flow manifold and 5 ft. cable on panel	2,082.00
7	Ozone sensor, 0-20 ppm, w/flow manifold and 5 ft. cable on panel	2,502.00
8	Peracetic Acid sensor, 0-2000 ppm, w/flow manifold and 5 ft. cable on panel	2,300.00
B	Free Chlorine/Bromine sensor, 0-20 ppm, ext. pH range, w/flow cell and 5 ft. cable on panel	2,082.00
<b>USB</b>		
U	Integrated datalogging and config file import/export via USB flash stick	n/c

### Spare Parts

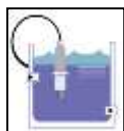
PART # / CODE	DESCRIPTION	PRICE
<b>Fuses</b>		
103163	Fuse, 1 Amp, F1 for all W400 series	\$3.50
102834	Fuse, 6 Amp, F2 for all W400 Series	3.50
102369	Fuse, 125 mA, F1 for all 120V W300 series	3.50
102370	Fuse, 5 amp, F2 for all 240V W300 series	3.50
102432	Fuse, 10 amp, F2 for all 120V W300 series	3.50
103363	Fuse, 63 mA, F1 for all 240V W300 series	3.50
<b>Circuit Boards</b>		
191406	Label/Panel Assembly, WDIS410-N	738.00
191461	Label/Panel Assembly, WDIS410-U	943.00
191389	Power/Relay Board, WDIS410	384.00
191383	Option Board, 4-20 mA output, W400 series	114.00
191343	Label/Panel Assembly, WDIS310	738.00
191344	Power Supply Board, 120V, WDIS310	373.00
191345	Power Supply Board, 240V, WDIS310	373.00
190744	Option Board, 4-20 mA output, W300 series	114.00

## Sensors and Sensor Parts

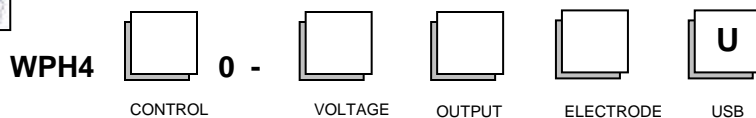
PART # / CODE	DESCRIPTION	PRICE
<b>Complete disinfection sensor, cable and flow cell assemblies (used without flow switch manifolds)</b>		
WFCB-20	Free Chlorine/Bromine Sensor, 20 ppm, Flow Cell, 20 ft. cable	\$1344.00
WFCBL-20	Free Chlorine/Bromine Sensor, 2 ppm, Flow Cell, 20 ft. cable	1344.00
WFCBH-20	Free Chlorine/Bromine Sensor, 200 ppm, Flow Cell, 20 ft. cable	1344.00
WFCXB-20	Free Chlorine/Bromine Sensor, ext. pH range, 20 ppm, Flow Cell, 20 ft. cable	1557.00
WTCB-20	Total Chlorine Sensor, 20 ppm, Flow cell, 20 ft. cable	1680.00
WCDB-20	Chlorine Dioxide Sensor, 20 ppm, Flow Cell, 20 ft. cable	1557.00
WCDBL-20	Chlorine Dioxide Sensor, 2 ppm, Flow Cell, 20 ft. cable	1557.00
WCDBH-20	Chlorine Dioxide Sensor, 200 ppm, Flow Cell, 20 ft. cable	1557.00
WOZB-20	Ozone Sensor, 20 ppm, Flow Cell, 20 ft. cable	1977.00
WPAB-20	Peracetic Acid Sensor, 2000 ppm, Flow Cell, 20 ft. cable	1775.00
WPABL-20	Peracetic Acid Sensor, 200 ppm, Flow Cell, 20 ft. cable	1775.00
WPABH-20	Peracetic Acid Sensor, 20,000 ppm, Flow Cell, 20 ft. cable	1775.00
WPAPK-20	Peracetic Acid Sensor, PEEK, 20,000 ppm, Acrylic Flow Cell, 20 ft. cable	4305.00
WHPB-20	Hydrogen Peroxide Sensor, 2000 ppm, Flow Cell, 20 ft. cable	1977.00
WHPLB-20	Hydrogen Peroxide Sensor, 200 ppm, Flow Cell, 20 ft. cable	1977.00
WHPHB-20	Hydrogen Peroxide Sensor, 20,000 ppm, Flow Cell, 20 ft. cable	1977.00
<b>Disinfection sensor and cable assemblies (purchased in conjunction with flow switch manifolds)</b>		
191361	Free Chlorine/Bromine, 20 ppm, 20 ft. cable, no mounting hardware	1271.00
191531	Free Chlorine/Bromine, 2 ppm, 20 ft. cable, no mounting hardware	1271.00
191442	Free Chlorine/Bromine, 200 ppm, 20 ft. cable, no mounting hardware	1271.00
191446	Free Chlorine/Bromine, ext. pH range, 20 ft. cable, no mounting hardware	1484.00
191499	Total Chlorine, 20 ft. cable, no mounting hardware	1607.00
191362	Chlorine Dioxide, 20 ppm, 20 ft. cable, no mounting hardware	1484.00
191533	Chlorine Dioxide, 2 ppm, 20 ft. cable, no mounting hardware	1484.00
191535	Chlorine Dioxide, 200 ppm, 20 ft. cable, no mounting hardware	1484.00
191363	Ozone, 20 ft. cable, no mounting hardware	1904.00
191350	Peracetic Acid, 2000 ppm, 20 ft. cable, no mounting hardware	1701.00
191500	Peracetic Acid, 200 ppm, 20 ft. cable, no mounting hardware	1701.00
191513	Peracetic Acid, PVC, 20,000 ppm, 20 ft. cable, no mounting hardware	1701.00
191536	Peracetic Acid, PEEK, 20,000 ppm, 20 ft. cable, no mounting hardware	3067.00
191540	Hydrogen Peroxide, 2000 ppm, 20 ft. cable, no mounting hardware	1904.00
191538	Hydrogen Peroxide, 200 ppm, 20 ft. cable, no mounting hardware	1904.00
191542	Hydrogen Peroxide, 20,000 ppm, 20 ft. cable, no mounting hardware	1904.00
<b>Flow switch manifolds</b>		
191349	Disinfection manifold, loose	473.00
191348	Disinfection manifold, on polypro panel	578.00

<b>PART # / CODE</b>	<b>DESCRIPTION</b>	<b>PRICE</b>
<b>Replacement disinfection sensors</b>		
191300	Free Chlorine/Bromine Sensor, 20 ppm, no cable	\$1,236.00
191530	Free Chlorine/Bromine Sensor, 2 ppm, no cable	1,236.00
191441	Free Chlorine/Bromine Sensor, 200 ppm, no cable	1,236.00
191445	Free Chlorine/Bromine Sensor, ext. pH range, 20 ppm, no cable	1,449.00
191492	Total Chlorine Sensor, 20 ppm, no cable	1,572.00
191532	Chlorine Dioxide Sensor, 2 ppm, no cable	1,449.00
191280	Chlorine Dioxide Sensor, 20 ppm, no cable	1,449.00
191534	Chlorine Dioxide Sensor, 200 ppm, no cable	1,449.00
191320	Ozone Sensor, 10 ppm, no cable	1,869.00
191338	Peracetic Acid Sensor, 2000 ppm, no cable	1,666.00
191490	Peracetic Acid Sensor, 200 ppm, no cable	1,666.00
191512	Peracetic Acid Sensor, 20,000 ppm, no cable	1,666.00
103741	Peracetic Acid Sensor, PEEK, 20,000 ppm, no cable	3,128.00
191539	Hydrogen Peroxide, 2000 ppm, no cable	1,869.00
191537	Hydrogen Peroxide, 200 ppm, no cable	1,869.00
191541	Hydrogen Peroxide, 20,000 ppm, no cable	1,869.00
<b>Membrane caps</b>		
103462	Membrane Cap, Chlorine Dioxide and 200/2,000 ppm Hydrogen Peroxide and 200/2,000 ppm Peracetic Acid (PVC body)	118.00
103759	Membrane Cap, 20,000 ppm Peracetic Acid (PVC body) and 20,000 ppm Hydrogen Peroxide	139.00
103758	Membrane Cap, 20,000 ppm Peracetic Acid (PEEK body)	292.00
103463	Membrane Cap, 2/20/200 ppm Free Chlorine/Bromine (not Ext pH range)	87.00
103712	Membrane Cap, 20 ppm Free Chlorine/Bromine (Ext pH range) and 20 ppm Total Chlorine	118.00
103498	Membrane Cap, 10 ppm Ozone	138.60
<b>Electrolyte</b>		
103475	Electrolyte, 100 mL, 2/20/200 ppm Chlorine Dioxide and 200/2,000 ppm Peracetic Acid (PVC body)	50.00
103474	Electrolyte, 100 mL, 2/20/200 ppm Free Chlorine/Bromine (not Ext pH range)	36.00
103726	Electrolyte, 100 mL, 20 ppm Free Chlorine/Bromine (Ext. pH range)	71.00
103713	Electrolyte, 100 mL, 20 ppm Total Chlorine	58.00
103500	Electrolyte, 100 mL, 10 ppm Ozone	50.00
103501	Electrolyte, 100 mL, 200/2,000 Peracetic Acid (PVC body) and 20,000 Peracetic Acid (PEEK body)	71.00
103760	Electrolyte, 100 mL, 20,000 ppm Peracetic Acid (PVC body)	71.00
103761	Electrolyte, 100 mL, 200/2,000/20,000 ppm Hydrogen Peroxide	71.00
<b>Isoplast flow cell parts</b>		
191289	Flow Cell Assembly, Disinfection sensors	74.00
102586	In-Line Mounting Nut	24.50
102594	O-Ring, FKM, for low pressure sensor mounting	6.70
191279-R	Flow Cell Body	42.00
103419	Washer Set	30.00
103421	Clip Ring	8.80
103422	O-Ring, Washer	1.10
<b>Acrylic flow cell</b>		
103742	Acrylic Flow Cell (used with PEEK Peracetic Acid sensor)	1,238.00

<b>PART # / CODE</b>	<b>DESCRIPTION</b>	<b>PRICE</b>
<b>Cables</b>		
191303	Cable, Disinfection sensors, 20 ft.	\$88.00
191303-05	Cable, Disinfection sensors, 5 ft.	72.00
<b>Flow switch manifold parts</b>		
190996	Float, low pressure flow switch	46.00
190998	Switch, low pressure flow switch	70.00
102919	O-Ring, float retaining	2.40
190997	Flow switch, low pressure, complete	125.00
102962	Flow switch, high pressure	373.00
102387	Sample Valve, low pressure	39.00
103056	Sample Valve, high pressure	40.00
102881	Flow Switch Body (Tee)	27.00
103519	Rotameter	140.00



## WPH410/420 Series pH/ORP Controllers



PART # / CODE	DESCRIPTION	PRICE(adder)
<b>WPH410</b>	<b>pH/ORP Controller, on/off control outputs</b>	<b>\$728.00</b>
<b>WPH420</b>	<b>pH/ORP Controller, proportional control outputs</b>	<b>\$757.00</b>
<b>VOLTAGE</b>		
1	120 VAC, pre-wired with 6" pigtails (WPH410) or with 10' cables (WPH420)	59.00
3	120 VAC, pre-wired WPH420 with 10' cables, with (2) E90495 connectors for EW pumps	108.00
5	Hardwired, cable glands	n/c
<b>DATA OUTPUT</b>		
N	No 4-20 mA output	n/c
4	Single Isolated 4-20 mA output	114.00
2	Two (2) Isolated 4-20 mA outputs	228.00
<b>OPTIONS</b>		
N	None	n/c
1	Preamplifier (190783) w/10 ft. cable, pre-wired	184.00
2	Submersion flat pH electrode w/preamp (WEL-PHF-21)	375.00
3	In-line flat pH electrode w/preamp (WEL-PHF-22) - includes 3/4" NPTF tee	441.00
4	In-line flat pH electrode, preamp (WEL-PHF-22) and flow switch mounted to panel	831.00
4T	In-line flat pH electrode with ATC, preamp (WEL-PHF-12) and flow switch mounted to panel	878.00
5	Submersion ORP electrode w/preamp (WEL-MVF-21)	402.00
6	In-line ORP electrode w/preamp (WEL-MVF-22) - includes 3/4" NPTF tee	468.00
6R	In-line rod style ORP electrode w/preamp (WEL-MVR-22) - includes 3/4" NPTF tee	502.00
7	In-line ORP electrode w/preamp (WEL-MVF-22) and flow switch mounted to panel	858.00
7R	In-line rod style ORP electrode w/preamp (WEL-MVR-22) and flow switch mounted to panel	891.00
<b>USB</b>		
U	Integrated datalogging and config file import/export via USB flash stick	n/c

**NOTE:** See the WEL Series pH/ORP Electrode prices for additional electrode options, such as bulb style pH, HF resistant pH, housings that provide automatic temperature compensation (ATC), and metric in-line mounting.

**To order:** Order the WPH controller with the option "N", then order the appropriate WEL electrode. Make sure to specify either WEL housing option 1 or 2, which contain a preamplifier.

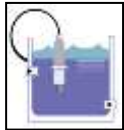
## Spare Parts

PART # / CODE	DESCRIPTION	PRICE
<b>Fuses</b>		
103163	Fuse, 1 Amp, F1 for all W400 Series	\$3.50
102834	Fuse, 6 Amp, F2 for all W400 Series	3.50
102370	Fuse, 5 Amp, 240V W300 Series	3.50
102369	Fuse, 1/8 Amp, F1 for 120V W300 Series	3.50
102432	Fuse, 10 Amp, 120V W300 Series	3.50
103363	Fuse, 1/16 Amp, F1 for 240V W300 Series	3.50
<b>Circuit Boards</b>		
191383	4-20mA Option Board, W400 series	114.00
191389	Power/Relay Board, WPH410	384.00
191390	Power/Relay Board, WPH420	413.00
191400	Label/Panel Assy, WPH/DP410-N	600.00
191455	Label/Panel Assy, WPH/DP410-U	804.00
191401	Label/Panel Assy, WPH/DP420-N	600.00
191456	Label/Panel Assy, WPH/DP420-U	804.00
190800	Label/Panel Assy, WPH310	600.00
190852	Label/Panel Assy, WPH320	600.00
190805	Power Supply Board, 120 V, on/off, WPH310	384.00
190807	Power Supply Board, 240 V, on/off, WPH310	384.00
190806	Power Supply Board, 120 V, proportional, WPH320	413.00
190808	Power Supply Board, 240 V, proportional, WPH320	413.00
190744	4-20 mA option board, W300 Series	114.00
<b>Cables</b>		
190765	Cable assembly, proportional, LMI connector	21.00
<b>Electrodes &amp; Preamplifiers</b>		
WEL-PHF-NN	Electrode, pH, cartridge only	150.00
WEL-MVF-NN	Electrode, ORP, cartridge only	177.00
WEL-MVR-NN	Electrode, ORP, rod style only	211.00
102606-5	Housing with preamplifier with 5 ft. cable (used in options 4 and 7)	225.00
102606	Housing with preamplifier, 20 ft. cable (used in options 2, 3, 5, 6)	225.00
102581	Housing with preamplifier, 20 ft. cable and ATC (used in option 4T)	272.00
190783	Preamplifier, pH/ORP (used in option #1)	173.00
<b>Electrode Mounting Parts</b>		
102884	Tee, 3/4" threaded, for WEL electrode (adapter/tee combination)	35.00
102586	Nut, for WEL electrode mounting	24.50
102594	O-Ring, FKM, for low pressure sensor mounting	6.70
102585	Adapter, WEL electrode, USA, for standard 1-1/4" tee	35.00
<b>Flow Switch Manifolds</b>		
191006	Flow switch manifold, pH/ORP, used in options 4, 4T and 7	232.00
190996	Float, for 191006 manifold	46.00
190998	Reed switch, for 191006 manifold	70.00
102919	O-ring, float retaining, for 191006 manifold	2.00
102387	Sample valve, low pressure	39.00
190738	Reed switch, for 190868 manifold	92.00
190739	Float, for 190868 manifold	92.00
190997	Flow switch, 150 psi	125.00
190997-20	Flow switch assembly, 20 ft. cable	137.00
102881	Flow Switch Body (Tee)	27.00

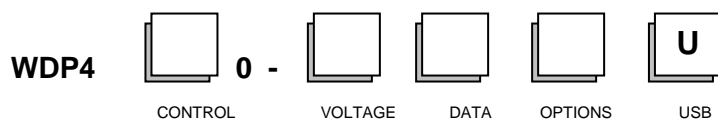
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<b>Accessories</b>		<b>PRICE</b>
191038	Kit, In-Line Mounting, pH/ORP	\$68.00
E90495	Connector, 5 pin, EW/EW-Y	23.00
102602	Tee, 1 1/4" PVC	14.00
102804	Tee, 1 1/4" CPVC	17.00
190851	Junction box	67.00
102535	Cable, 3 twisted pair, shielded, 24 AWG (used to extend pH/ORP )	2.00/ft
51369	Buffer, pH 4.00, pint	13.40
51370	Buffer, pH 7, pint	13.40
51371	Buffer, pH 10, pint	13.40
51372	Quinhydrone, 20 grams	77.00
51373	ORP calibration kit	110.00

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## WDP410/420/440 Series Dual Input pH/ORP Controllers



PART # / CODE	DESCRIPTION	PRICE (adder)
WDP410	pH/ORP Controller, with 4 on/off control outputs and diagnostic alarm relay	\$1,033.00
WDP420	pH/ORP Controller, w/ 2 pulse proportional and 2 on/off control outputs and diagnostic alarm relay	\$1,090.00
WDP440	pH/ORP Controller, with 4 pulse proportional control outputs and diagnostic alarm relay	\$1,148.00
<b>VOLTAGE</b>		
1	120 VAC, pre-wired with 6" pigtails (if on/off) or with 10 ft. cables for E-Class pumps (if pulse)	114.00
5	Hardwired, cable glands	n/c
<i>Note: To connect 10 ft. cables from WDP420/440 to EW pumps, order one E90495 connector per pump.</i>		
<b>DATA OUTPUT</b>		
N	No 4-20 mA output	n/c
4	Single isolated 4-20 mA output	114.00
2	Dual 4-20 mA output	228.00
<b>SENSOR OPTIONS</b>		
N	No electrode	n/c
1	Two preamplifiers (190783) w/10 ft. cables, prewired	367.00
2	Two submersion flat pH electrodes without Auto Temp Comp	750.00
2T	Two submersion flat pH electrodes with Auto Temp Comp (pH)	844.00
5	Two submersion ORP electrodes	804.00
6	One each submersion flat pH and ORP electrodes without Auto Temp Comp	777.00
6T	One each submersion flat pH and ORP electrodes with Auto Temp Comp (pH)	824.00
7	One each in-line flat pH & ORP electrodes w/out Auto Temp Comp - includes 3/4" NPTF tees	909.00
7R	One each in-line flat pH & rod style ORP electrodes w/out Auto Temp Comp includes 3/4" NPTF tees	943.00
8	One each in-line flat pH and ORP electrodes, without Auto Temp Comp plus flow switch (both electrodes mounted in same sample stream) on panel	1,238.00
8R	One each in-line flat pH and rod style ORP electrodes, without Auto Temp Comp plus flow switch (both electrodes mounted in same sample stream) on panel	1,272.00
8RT	One each in-line flat pH and rod style ORP electrodes, with Auto Temp Comp (pH) plus flow switch (both electrodes mounted in same sample stream) on panel	1319.00
8T	One each in-line flat pH and ORP electrodes, with Auto Temp Comp (pH) plus flow switch (both electrodes mounted in same sample stream) on panel	1,285.00
<b>USB</b>		
U	Integrated datalogging and config file import/export via USB flash stick	n/c

**NOTE:** See the WEL Series pH/ORP Electrode prices for additional electrode options, such as bulb style pH, HF resistant pH, housings that provide automatic temperature compensation (ATC), and metric in-line mounting.  
**To order:** Order the WDP controller with the option "N", then order the appropriate WEL electrode. Make sure to specify either WEL housing option 1 or 2, which contain a preamplifier.

## WDP Series Dual Input pH/ORP Controllers *continued*

### Spare Parts

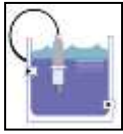
PART # / CODE	DESCRIPTION	PRICE
<b>Fuses</b>		
103163	Fuse, 1 Amp, F1 for all W400 series	\$3.50
102834	Fuse, 6 Amp, F2 for all W400 Series	3.50
102370	Fuse, 5 Amp, 240V W300 Series	3.50
102369	Fuse, 1/8 Amp, F1 for 120V W300 Series	3.50
102432	Fuse, 10 Amp, 120V W300 Series	3.50
103363	Fuse, 1/16 Amp, F1 for 240V W300 Series	3.50
<b>Circuit Boards</b>		
191400	Label/Panel Assy, WPH/DP410-N	600.00
191455	Label/Panel Assy, WPH/DP410-U	804.00
191401	Label/Panel Assy, WPH/DP420-N	600.00
191456	Label/Panel Assy, WPH/DP420-U	804.00
191404	Label/Panel Assy, WDP440-N	600.00
191459	Label/Panel Assy, WDP440-U	804.00
191429	Power/Relay Board, WDP410	384.00
191390	Power/Relay Board, WDP420	413.00
191391	Power/Relay Board, WDP440	434.00
191383	Option Board, 4-20 mA, W400 Series	114.00
190744	Option Board, 4-20 mA, W300 series	114.00
190820	Option board, dual input, WDX300 series	402.00
191385	Dual Input Option Board, W400 Series	402.00
190898	Label/Panel Assy, WDP310	633.00
190899	Label/Panel Assy, WDP320	633.00
190908	Power Supply Board, 120V, WDP310	373.00
190909	Power Supply Board, 240V, WDP310	373.00
190910	Power Supply Board, 120V, WDP340	434.00
190911	Power Supply Board, 240V, WDP340	434.00
190950	Label/Panel Assy, WDP340	633.00
191013	Power Supply Board, 120V, WDP320	413.00
191014	Power Supply Board, 240V, WDP320	413.00
191094	CE Filter Kit	137.00
<b>Electrodes &amp; Preamplifiers</b>		
WEL-PHF-NN	Electrode, pH, cartridge only	150.00
WEL-MVF-NN	Electrode, ORP, cartridge only	177.00
WEL-MVR-NN	Electrode, rod style only	211.00
102606-5	Housing w/ preamplifier, no ATC, 5 ft. cable	225.00
102606	Housing w/ preamplifier, no ATC, 20 ft. cable	225.00
102581	Housing w/ preamplifier, Pt1000 ATC, 20 ft. cable (used in option 8T)	272.00

<b>Electrode Mounting Parts</b>		<b>PRICE</b>
102884	Tee, 3/4" threaded, for WEL electrode (adapter/tee combination)	\$35.00
102586	Nut, for WEL electrode mounting	24.50
102594	O-Ring, FKM, for low pressure sensor mounting	6.70
102585	Adapter, WEL electrode, USA, for standard 1-1/4" tee	35.00

<b>Flow Switch Manifold</b>		
191005	Flow switch manifold, dual pH/ORP (used in option 8 and 8T)	329.00
190996	Float, for 191005 manifold	46.00
190998	Reed switch, 191005 manifold	70.00
102919	O-ring, float retaining, for 191005 manifold	2.40
102387	Sample valve, low pressure	39.00
190738	Reed switch, for 190920 manifold	92.00
190739	Float, for 190920 manifold	92.00
190997	Flow switch, 150 psi	125.00
190997-20	Flow switch assembly, 20 ft. cable	137.00
102881	Flow Switch Body (Tee)	27.00

## **Accessories**

<b>PART # / CODE</b>	<b>DESCRIPTION</b>	<b>PRICE</b>
191038	Kit, In-Line Mounting, pH/ORP	\$68.00
E90495	Connector, 5 pin, EW/EW-Y	22.60
190851	Junction box	67.00
102535	Cable, 6 conductor, shielded (used to extend pH/ORP cable)	2.00/ft
102602	Tee, 1 1/4", PVC	13.50
102804	Tee, 1 1/4", CPVC	17.00
51369	Buffer, pH 4.00, pint	13.40
51370	Buffer, pH 7, pint	13.40
51371	Buffer, pH 10, pint	13.40
51372	Quinhydrone, 20 grams	77.00
51373	ORP calibration kit	110.00



## WEC410 Series Electrodeless Conductivity Controller

WEC410 -



VOLTAGE



OUTPUT



SENSOR



USB

PART # / CODE	DESCRIPTION	PRICE (adder)
<b>WEC410</b>	<b>Electrodeless (Toroidal) Conductivity Controller</b>	<b>\$630.00</b>
<b>VOLTAGE</b>		
1	120 VAC, prewired	132.00
5	Hardwired, cable glands	n/c
<b>OUTPUT</b>		
N	No 4-20 mA output	n/c
4	Single isolated 4-20 mA output	114.00
2	Two isolated 4-20 mA outputs	228.00
<b>SENSOR OPTIONS (20 FT. CABLES)</b>		
N	No sensor	n/c
<b>0.1 – 1.0 mS/cm</b>		
A	Submersion PEEK sensor	1,009.00
B	In-line PEEK sensor w/stainless steel 2” NPTM adapter	1,173.00
C	Submersion CPVC sensor	468.00
D	In-line CPVC sensor w/ CPVC 2” NPTM adapter	593.00
<b>1.0 – 10.0 mS/cm</b>		
E	Submersion PEEK sensor	1,009.00
F	In-line PEEK sensor w/stainless steel 2” NPTM adapter	1,173.00
G	Submersion CPVC sensor	468.00
H	In-line CPVC sensor w/ CPVC 2” NPTM adapter	593.00
<b>10.0 – 100 mS/cm</b>		
I	Submersion PEEK sensor	1,009.00
J	In-line PEEK sensor w/stainless steel 2” NPTM adapter	1,173.00
K	Submersion CPVC sensor	468.00
L	In-line CPVC sensor w/ CPVC 2” NPTM adapter	593.00
<b>100 – 1000 mS/cm</b>		
M	Submersion PEEK sensor	1,009.00
O	In-line PEEK sensor w/stainless steel 2” NPTM adapter	1,173.00
P	Submersion CPVC sensor	468.00
Q	In-line CPVC sensor w/ CPVC 2” NPTM adapter	593.00
<b>USB</b>		
U	Integrated datalogging and config file import/export via USB flash stick	n/c



## WDEC410 Series Dual Input Electrodeless Conductivity Controller

WDEC410 -



WIRING  
OPTIONS



ANALOG  
OUTPUT



SENSOR  
OPTION 1



SENSOR  
OPTION 2



USB

PART # / CODE	DESCRIPTION	PRICE (adder)
<b>WDEC410</b>	<b>Dual Input Electrodeless (Toroidal) Conductivity Controller</b>	<b>\$778.00</b>
<b>WIRING OPTIONS</b>		
1	120 VAC, Prewired	132.00
5	Hardwired, cable glands	n/c
<b>OUTPUT</b>		
N	No 4-20 mA output	n/c
4	Single isolated 4-20 mA output	114.00
2	Two isolated 4-20 mA outputs	228.00
<b>SENSOR OPTIONS <b>**SELECT 2 SENSORS**</b> (please order alphabetically. i.e. WDEC410-xxABx)</b>		
N	No sensor	n/c
<b>0.1 – 1.0 mS/cm (20 FT. CABLES)</b>		
A	Submersion PEEK sensor	1,009.00
B	In-line PEEK sensor w/stainless steel 2" NPTM adapter	1,173.00
C	Submersion CPVC sensor	468.00
D	In-line CPVC sensor w/ CPVC 2" NPTM adapter	593.00
<b>1.0 – 10.0 mS/cm (20 FT. CABLES)</b>		
E	Submersion PEEK sensor	1,009.00
F	In-line PEEK sensor w/stainless steel 2" NPTM adapter	1,173.00
G	Submersion CPVC sensor	468.00
H	In-line CPVC sensor w/ CPVC 2" NPTM adapter	593.00
<b>10.0 – 100 mS/cm (20 FT. CABLES)</b>		
I	Submersion PEEK sensor	1,009.00
J	In-line PEEK sensor w/stainless steel 2" NPTM adapter	1,173.00
K	Submersion CPVC sensor	468.00
L	In-line CPVC sensor w/ CPVC 2" NPTM adapter	593.00
<b>100 – 1000 mS/cm (20 FT. CABLES)</b>		
M	Submersion PEEK sensor	1,009.00
O	In-line PEEK sensor w/stainless steel 2" NPTM adapter	1,173.00
P	Submersion CPVC sensor	468.00
Q	In-line CPVC sensor w/ CPVC 2" NPTM adapter	593.00
<b>USB</b>		
U	Integrated datalogging and config file import/export via USB flash stick	n/c

## Spare Parts

<b>PART # / CODE</b>	<b>DESCRIPTION</b>	<b>PRICE</b>
<b>Fuses</b>		
103163	Fuse, 1 Amp, F1 for all W400 series	\$3.50
102834	Fuse, 6 Amp, F2 for all W400 Series	3.50
102370	Fuse, 5 Amp, 240V W300 Series	3.50
102369	Fuse, 1/8 Amp, F1 for 120V W300 Series	3.50
102432	Fuse, 10 Amp, 120V W300 Series	3.50
103363	Fuse, 1/16 Amp, F1 for 240V W300 Series	3.50
<b>Circuit Boards</b>		
191405	Label/Panel Assembly, WEC/WDEC410-N	814.00
191460	Label/Panel Assembly, WEC/WDEC410-U	1,019.00
191429	Power/Relay Board, WEC/WDEC410	384.00
191383	4-20mA Output Board, W400 Series	114.00
191385	Dual Input Option Card, W400	402.00
190891	Label/Panel assembly, WEC310	814.00
190912	Power Supply Board, WEC310, 120 V	384.00
190913	Power Supply Board, WEC310, 240 V	384.00
190918	Electrodeless input board, WEC310	344.00
190744	4-20 mA option board, W300 Series	114.00
<b>Electrodes &amp; Adapters</b>		
191190	Electrodeless, 1 mS/cm, 20 ft. cable, no tee, no mtg adapter, CPVC, W400	468.00
190988	Electrodeless, 10 mS/cm, 20 ft. cable, no tee, no mtg adapter, CPVC, W400	468.00
191108	Electrodeless, 100 mS/cm, 20 ft. cable, no tee, no mtg adapter, CPVC, W400	468.00
191113	Electrodeless, 1000 mS/cm, 20 ft. cable, no tee, no mtg adapter, CPVC, W400	468.00
191191	Electrodeless, 1 mS/cm, 20 ft. cable, no tee, no mtg adapter, PEEK, W400	1,009.00
191192	Electrodeless, 10 mS/cm, 20 ft. cable, no tee, no mtg adapter, PEEK, W400	1,009.00
191193	Electrodeless, 100 mS/cm, 20 ft. cable, no tee, no mtg adapter, PEEK, W400	1,009.00
191194	Electrodeless, 1000 mS/cm, 20 ft. cable, no tee, no mtg adapter, PEEK, W400	1,009.00
102730	Electrodeless sensor without mounting adapter, PEEK, donut shape, WEC310	1,403.00
190919	Submersion adapter, CPVC, for 102730 sensor	35.00
190945	In-line adapter with nut, CPVC, for 102730 sensor	125.00
190954	Sensor, Econd, 20 ft. cable, Passive, CPVC, WEC310	288.00
103212	CPVC in-line adapter	100.00
190993	In-line adapter kit, CPVC	125.00
191145	Sensor, Econd, 20 ft. cable, Passive, PEEK, WEC310	828.00
103217	316 SS In-Line Adapter for 191xxx PEEK sensor	164.00

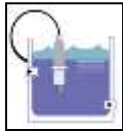
## WEC Series Electrodeless Conductivity Controllers *continued*

### Spare Parts

<b>PART # / CODE</b>	<b>DESCRIPTION</b>	<b>PRICE</b>
102586	Nut, in-line	\$24.50
102594	O-Ring, FKM, for low pressure sensor mounting	6.70
102999	Submersion adapter, 316SS, for 102730 sensor	344.00
191012	In-line adapter, 316SS, for 102730 PEEK sensor w/nut	201.00
102921	Tee, 2" NPTF, CPVC	35.00
102922	Reducing bushing, 2" x 3/4" NPT, CPVC	8.50

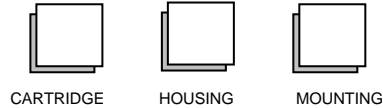
### Accessories

102535	Extension cable, WEC/WDEC410 sensor	2.00/ft
190916-25	Extension cable, 25 ft., WEC310 sensor	58.00
190916-50	Extension cable, 50 ft., WEC310 sensor	82.00
190916-75	Extension cable, 75 ft., WEC310 sensor	107.00
190916-100	Extension cable, 100 ft., WEC310 sensor	130.00
190851	Junction box	67.00
190915	Test lead kit	1.20
190993	In-Line Adapter Kit	125.00



## WEL Series pH/ORP Electrodes

WEL -



<b>CARTRIDGE</b>	PHF = Flat surface pH PHB = Bulb pH	PHH = HF resistant pH MVF = Flat surface ORP
<b>HOUSING</b>	1 = Housing with preamplifier & PT 1000 ATC, 20 ft. cable with tinned leads 2 = Housing with preamplifier, 20 ft. cable with tinned leads 3 = Housing with PT 1000 ATC, 20 ft. coaxial cable with BNC connector 4 = Housing, 20 ft. coaxial cable with BNC connector 6 = Housing with PT 100 ATC, 20 ft. coaxial cable with BNC connector	
<b>MOUNTING STYLE</b>	1 = Submersion mounting 2 = In-line mounting (3/4" NPTF tee) 3 = Metric in-line mounting (G 1/4 male adapter)	

PART # / CODE	DESCRIPTION	PRICE
<b>CARTRIDGE</b>		
WEL-PHF	Electrode, pH, flat surface	\$150.00
WEL-PHB	Electrode, pH, bulb surface	128.00
WEL-PHH	Electrode, pH, flat, HF resistant	177.00
WEL-MVF	Electrode, ORP, flat surface	177.00
WEL-MVR	Electrode, ORP, rod style	211.00
WEL-PHLI	Electrode, pH, low ionic strength (under 100µS/cm)	187.00
<b>ADDER</b>		
<b>HOUSINGS</b>		
1	Housing with preamplifier and Pt 1000 ATC, 20 ft. cable	272.00
2	Housing with preamplifier, 20 ft. cable	225.00
3	Housing with Pt 1000 ATC, 20 ft. coaxial cable	212.00
4	Housing, 20 ft. coaxial cable	170.00
6	Housing, with Pt 100 ATC, 20 ft. coaxial cable	212.00
<b>MOUNTING STYLE</b>		
1	Submersion mounting	n/c
2	In-line mounting (3/4" NPTF tee)	66.00
3	Metric in-line mounting (G 1-1/4 male adaptor)	66.00

**NOTE:** When ordering the WEL Series pH/ORP Electrode for use with a WPH/WDP controller, make sure to specify either WEL housing option 1 or 2, which contain a preamplifier.

## WEL Series pH/ORP Electrodes *continued*

### Spare Parts

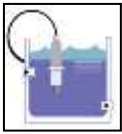
PART # / CODE	DESCRIPTION	PRICE
WEL-PHF-NN	Electrode, pH, flat surface	\$150.00
WEL-PHB-NN	Electrode, pH, bulb surface	128.00
WEL-PHH-NN	Electrode, pH, flat, HF resistant	177.00
WEL-MVF-NN	Electrode, ORP, flat surface	177.00
102581	Housing with preamplifier and Pt 1000 ATC, 20 ft. cable	272.00
102606	Housing with preamplifier, 20 ft. cable	225.00
102582	Housing with Pt 1000 ATC, 20 ft. coaxial cable	212.00
102607	Housing, 20 ft. coaxial cable	170.00
102884	Tee, 3/4" threaded, in-line electrode mounting	35.00
102585	Adapter, WEL electrode, USA, for standard 1/4" tee	35.00
102586	In-line mounting nut	24.50
102594	O-Ring, FKM, for low pressure sensor mounting	7.00
102693	Metric in-line mounting adapter	35.00

### Accessories

190851	Junction box	67.00
102535	Cable, 3 twisted pair, shielded, 24 AWG (use with housings with preamp and ATC)	2.00/ft
102602	Tee, 1 1/4" NPTF, PVC	13.50
102804	Tee, 1 1/4", CPVC	17.00
190863	Kit, US in-line mounting, 1 1/4" adapter	68.00
191038	Kit, US in-line mounting, 3/4" tee	68.00
190877	Kit, metric in-line mounting	68.00
102080	Connector, BNC male solderable (use with W-250/260 controllers if housing contains preamp)	11.70
51369	Buffer, pH 4.00, pint	13.40
51370	Buffer, pH 7, pint	13.40
51371	Buffer, pH 10, pint	13.40
51372	Quinhydrone, 20 grams	77.00
51373	ORP calibration kit	110.00

### Cartridges for Specific Applications

WEL-PHLI-NN	Electrode, pH, flat surface, for water with less than 100µS/cm conductivity	187.00
WEL-MVR-NN	Electrode, ORP, rod-style platinum, for water with free halogen levels less than 0.25 mg/l	211.00



## WDS Series pH/ORP Electrodes

WDS -



SENSOR



PREAMP

PART # / CODE	DESCRIPTION	PRICE
WDS	Electrode Base Price	\$ 572.00

### TYPE OF SENSOR

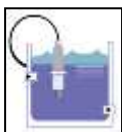
PH	pH electrode	n/c
MV	ORP electrode	n/c

### TYPE OF PREAMPLIFIER

W	Walchem Differential Preamp (3 twisted pair + shield)	n/c
C	Conventional Differential Preamp (5 conductor + shield)	n/c

### Parts and Accessories

103238	Salt Bridge Replacement Kit (3 salt bridges)	139.00
102535	Cable, 3 twisted pair + shield, 24 AWG	2.00/ft
190851	Junction Box	67.00
51369	Buffer, pH 4, pint	13.40
51370	Buffer, pH 7, pint	13.40
51371	Buffer, pH 10, pint	13.40
51372	Quinhydrone, 20 grams	77.00
51373	ORP Calibration Kit	110.00



## Specialty pH/ORP Electrodes & Accessories

### pH/ORP Electrodes, Cables & Mounting

PART # / CODE	DESCRIPTION	PRICE
51158	Electrode, pH, submersion, flat, no cable, CPVC	\$196.00
51160	Cable, 10 ft., threaded cap, BNC, CPVC	76.00
51160-20	Cable, 20 ft., threaded cap, BNC, CPVC	86.00
51188	Electrode, pH, insertion, flat, no cable, CPVC	206.00
51198	Insertion Assy/Cable, 12", 20 ft. cable, ATC, smooth cap, BNC & bare wires, CPVC	585.00
51203	12" Insertion Assy, CPVC	371.00
51268	Electrode, ORP, insertion, flat, no cable, CPVC	242.00
102027	Gland, SS, High Temp/Submersion (pH/ORP)	263.00
102028	Gland, SS, High Temp/In-line (pH/ORP)	269.00
102029	Electrode, pH, high temp/pressure, 10 ft. cable	352.00
102963	Electrode, ORP, high pressure, 12 ft. cable	352.00

### Accessories

PART # / CODE	DESCRIPTION	PRICE
190783	Preamplifier Assy, pH/ORP	173.00
190829	Preamplifier, pH/ORP with BNC (for W-250/260 series)	193.00
102535	Cable, 6-conductor plus shield	2.00/ft
102080	Connector, BNC male solderable	12.00
51369	Buffer, pH 4, pint	13.40
51370	Buffer, pH 7, pint	13.40
51371	Buffer, pH 10, pint	13.40
51372	Quinhydrone, 20 grams	77.00
51373	Calibration kit, ORP	110.00

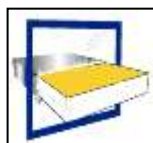


## Spare Parts for Obsolete pH/ORP Controllers

### For WPH Panel Mount Controllers

<b>PART #</b>	<b>DESCRIPTION</b>	<b>PRICE</b>	<b>PART #</b>	<b>DESCRIPTION</b>	<b>PRICE</b>
102370	Fuse, 5 Amp, 240V W300 Series	3.60	191169	Power Supply Board, WDP315, 240V	373.00
102369	Fuse, 1/8 Amp, F1 for all W300	3.60	191170	Power Supply Board, WDP325, 120V	413.00
102432	Fuse, 10 Amp, 120V W300 Series	3.60	191171	Power Supply Board, WDP325, 240V	413.00
191159	Label/Panel Assembly, WPH315	600.00	191172	Power Supply Board, WDP345, 120V	434.00
191160	Label/Panel Assembly, WPH325	600.00	191173	Power Supply Board, WDP345, 120V	434.00
191161	Label/Panel Assembly, WDP315	633.00	190744	Option Board, 4-20 mA, W300 series	114.00
191162	Label/Panel Assembly, WDP325	633.00	190820	Option board, dual input, WDx300	402.00
191163	Label/Panel Assembly, WDP345	633.00	51369	Buffer, pH 4, pint	13.40
191164	Power Supply Board, WPH315, 120V	384.00	51370	Buffer, pH 7, pint	13.40
191165	Power Supply Board, WPH315, 240V	384.00	51371	Buffer, pH 10, pint	13.40
191166	Power Supply Board, WPH325, 120V	413.00	51372	Quinhydrone, 20 grams	77.00
191167	Power Supply Board, WPH325, 240V	413.00	51373	ORP Calibration Kit	110.00
191168	Power Supply Board, WDP315, 120V	373.00	E90495	Connector, 5 pin, EW/EW-Y	22.60

## SECTION III SPECIALTY/PLATING CONTROLLERS

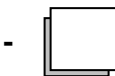


### WNI410 Series Electroless Nickel Controllers

**WNI41**



DUAL INPUT



VOLTAGE



OUTPUT



OPTION



USB

PART # / CODE	DESCRIPTION	PRICE (adder)
<b>WNI41</b>	<b>Electroless Nickel Controller</b>	<b>\$2,180.00</b>
<b>DUAL INPUT</b>		
0	None	n/c
1	pH Input circuit board installed	689.00
<b>VOLTAGE</b>		
1	120 VAC, prewired	n/c
5	Hardwired, cable glands	n/c
<b>OUTPUT</b>		
N	No 4-20 mA output	n/c
2	Two isolated 4-20 mA outputs (WNI411 only)	228.00
4	Single isolated 4-20 mA output	114.00
<b>OPTIONS</b>		
N	None	n/c
1	Flow through nickel sensor	792.00
<b>USB</b>		
U	Integrated datalogging and config file import/export via USB flash stick	n/c

### Spare Parts

PART # / CODE	DESCRIPTION	PRICE
<b>Fuses</b>		
103163	Fuse, 1 Amp, F1 for all W400 series	\$3.50
102834	Fuse, 6 Amp, F2 for all W400 Series	3.50
102370	Fuse, 5 Amp, 240V W300 Series	3.50
102369	Fuse, 1/8 Amp, F1 for 120V W300 Series	3.50
102432	Fuse, 10 Amp, 120V W300 Series	3.50
103363	Fuse, 1/16 Amp, F1 for 240V W300 Series	3.50
<b>Circuit Boards</b>		
191408	Label/Panel Assy, WNI410-N	1,868.00
191463	Label/Panel Assy, WNI410-U	2,073.00
191436	Power/Relay Board, WNI410	384.00
191437	Power/Relay Board, WNI411	384.00
191383	4-20 mA option board, W400 Series	114.00
191385	Dual Input Option Board, W400 Series	402.00
190854	Label/Panel Assy, WNI310	1,868.00
190803	Power Supply Board w/fuse, WNI/WCU310, 120V	384.00
190804	Power Supply Board w/fuse, WNI/WCU310, 240V	384.00
190744	4-20 mA option board, W300 Series	114.00
190809	pH option board, WNI310	689.00
<b>Sensors</b>		
190789	Cable, WCU/WNI sensor, 20 ft.	105.00
190792	Connector, WCU/WNI300	57.00
190784	Sensor, flow through, nickel	792.00

103582	Connector Assy, WCU/WNI400	50.00
<b>Accessories</b>		<b>PRICE</b>
190921	Sample System, 120 VAC, 60 Hz (includes nickel & pH sensors)	\$4,148.00
190922	Sample System, 240 VAC, 50 Hz (includes nickel & pH sensors)	4,148.00
190798	Cooling plate (installed in rinse tank)	831.00
190799	Cooling coil (installed off-line)	597.00
CP1-244	Bellows sample pump, 120 V, 60 Hz	315.00
CP1-245	Bellows sample pump, 240 V, 50 Hz	315.00
102540	Sample tubing, flow through sensor	0.53/ft
102495	Tubing Union	5.00
190811	Degasser	620.00
102569	Needle valve, 1/2" NPT, PP	160.00
190797-20	Extension cable, 20 ft., WNI sensors	85.00
190797-40	Extension cable, 40 ft., WNI sensors	110.00

### FOR USE WITH WEL SERIES pH ELECTRODES

WEL-PHF-12	pH electrode with preamplifier, ATC, in-line	488.00
WEL-PHF-22	pH electrode with preamplifier, in-line	441.00
190858	pH mounting adapter, 1 1/4" tee to 3/8" tubing	84.00
102581	Housing with preamplifier and ATC, 20 ft. cable	272.00
102606	Housing with preamplifier, 20 ft. cable	225.00
190851	Junction box (if more than 20 ft. cable required)	67.00
102535	Cable, 6 conductor (junction box to controller)	2.00/ft
WEL-PHF-NN	Electrode, pH, flat	150.00
102884	Tee, 3/4" threaded, in-line electrode mounting	35.00
102585	Adapter, WEL electrode, USA for standard 1/4" tee	35.00
102586	In-line mounting nut	24.50
102594	O-Ring, FKM, for low pressure sensor mounting	6.70

### FOR USE WITH 51147 pH ELECTRODE

190810	pH electrode mounting adapter, 3/4"	47.00
190783	Preamplifier, pH	173.00
102535	Cable, 6-conductor plus shield	2.00/ft
51147	pH electrode, in-line	196.00
51151	Mounting gland	29.00

### FOR USE WITH OBSOLETE 101152 pH ELECTRODE

100177-M	Fitting, 1/2" ID x 1/2" NPTM	10.00
102442	Reducing bushing, 1/2" x 3/4", for use with 190810 adapter	5.00
190810	pH electrode mounting adapter, 3/4" NPTF	47.00
190783	Preamplifier, pH	173.00
102535	Cable, 4-conductor plus shield	2.00/ft



## WCU410 Series Microetch/Electroless Copper Controllers

WCU410 -



VOLTAGE



OUTPUT



OPTION



USB

PART # / CODE	DESCRIPTION	PRICE (adder)
<b>WCU410</b>	<b>Electroless Copper/Microetch Controller</b>	<b>\$2,180.00</b>
<b>VOLTAGE</b>		
1	120 VAC, prewired	n/c
5	Hardwired, cable glands	n/c
<b>OUTPUT</b>		
N	No 4-20 mA output	n/c
4	Isolated 4-20 mA output	114.00
<b>OPTIONS</b>		
N	No sensor	n/c
1	Flow through sensor	792.00
2	Immersible sensor	1,251.00
<b>USB</b>		
U	Integrated datalogging and config file import/export via USB flash stick	n/c

### Spare Parts

**PRICE**

#### Fuses

103163	Fuse, 1 Amp, F1 for all W400 series	\$3.50
102834	Fuse, 6 Amp, F2 for all W400 Series	3.50
102370	Fuse, 5 Amp, 240V W300 Series	3.50
102369	Fuse, 1/8 Amp, F1 for 120V W300 Series	3.50
102432	Fuse, 10 Amp, 120V W300 Series	3.50
103363	Fuse, 1/16 Amp, F1 for 240V W300 Series	3.50

#### Circuit Boards

191407	Label/Panel Assy, WCU410-N	1,868.00
191462	Label/Panel Assy, WCU410-U	2,073.00
191435	Power/Relay Board, WCU410	384.00
191383	4-20 mA Output Board, W400 Series	114.00
190853	Label/panel assembly, WCU310	1,868.00
190803	Power Supply Board w/fuse, WNI/WCU310, 120V	384.00
190804	Power Supply Board w/fuse, WNI/WCU310, 240V	384.00
190744	4-20 mA option board, W300 Series	114.00

#### Sensors

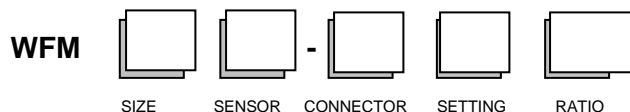
190787	Sensor, immersible, copper	1,251.00
190785	Sensor, flow through, copper	792.00
190789	Cable, WCU/WNI sensor, 20 ft.	105.00
190792	Connector, WCU/WNI300	57.00
103582	Connector Assy, WCU/WNI400	50.00

<b>Accessories</b>		<b>PRICE</b>
190799	Cooling coil (installed off-line)	\$597.00
190798	Cooling plate (installed in rinse tank)	831.00
102540	Sample tubing, flow through sensor	0.53/ft
102495	Tubing Union	5.00
190797-20	Extension cable, 20 ft., WCU sensors	85.00
190797-40	Extension cable, 40 ft., WCU sensors	110.00
190811	Degasser, PP, 3/8" O.D. tubing connection	620.00
102569	Needle Valve, 1/2" NPT, PP	160.00

## **SECTION IV WALCHEM ACCESSORY PRODUCTS**



### **WFM Series Water Meter Contactors**



<b>PART # / CODE</b>	<b>DESCRIPTION</b>	<b>PRICE</b>
<b>WFM</b>	<b>Water Meter Contactor</b>	
<b>SIZE</b>		
07	3/4" NPT Male	\$188.00
10	1" NPT Male	264.00
15	1 1/2" NPT Male	521.00
20	2" NPT Male	660.00
<b>SENSOR TYPE</b>		<b>ADDER</b>
0	None	n/c
1	Reed Switch	36.00
2	Hall Effect	36.00
<b>CONNECTOR (TO PUMP)</b>		
0	None - leads only	n/c
3	Includes E90495 connector for use with EW pump	26.00
<b>SETTING</b>		
P	Pulses/gallon	n/c
G	Gallons/pulse	n/c

### **Ratio**

<b>3/4"</b>		<b>1"</b>		<b>1 1/2"</b>		<b>2"</b>	
<b>07</b>		<b>10</b>		<b>15</b>		<b>20</b>	
P/G	G/P	P/G	G/P	P/G	G/P	P/G	G/P
20*	1	2*	1	2*	1	2*	1
10	5*		5*		5*		5*
2*	10		10		10		10
	50*		50*		50*		50*
	100		100		100		100

\* This pulse rate available only in WFM-xx1 (reed switch) only.

## WFM Series Water Meter Contactors Spare Parts

For dry register type flowmeters with serial number before 09062430		PRICE
51540	Strainer, 2"	\$28.00
51601	Lid, 3/4" to 2"	17.60
51602	Hinge Pin, 3/4" to 2"	7.40
51603	Gasket Set, 3/4" to 2"	9.00
51604	Glass Lens, 3/4" to 2"	96.00
51605	O-ring, 3/4" to 2"	4.00
51606	Sensor, Reed switch, 3/4" to 2"	103.00
51607	Sensor, Hall effect, 3/4" to 2"	103.00
51608	Gearset, X2, 3/4" to 2"	35.00
51609	Gearset, X1, 3/4" to 2"	35.00
51610	Drive Magnet, 1" to 2"	43.00
51611	Register Assembly, 3/4"	63.00
51613	Multi-jet Assembly, 3/4"	129.00
51614	Strainer, 3/4"	10.70
51615	Gasket, 3/4"	4.00
51616	Gasket, Coupling, 3/4"	4.00
51617	Coupling Assembly, 3/4"	26.00
51618	Register Assembly, 1"	70.00
51619	Multi-jet Assembly, 1"	129.00
51620	Strainer, 1"	14.10
51621	Gasket, Coupling, 1"	7.40
51622	Coupling Assembly, 1"	35.00
51623	Register Assembly, 1 1/2"	79.00
51624	Multi-jet Assembly, 1 1/2"	156.00
51625	Strainer, 1 1/2"	19.00
51626	Gasket, Coupling, 1 1/2"	9.00
51627	Coupling Assembly, 1 1/2"	51.00
51628	Register Assembly, 2"	86.00
51629	Multi-jet Assembly, 2"	156.00
51630	Gasket, Coupling, 2"	10.70
51631	Coupling Assembly, 2"	69.00

<b>For dry register type flowmeters with serial numbers after 09062430</b>		<b>PRICE</b>
51662	Lid, ¾"	\$7.70
51663	Lid, 1"	7.70
51664	Lid, 1½" and 2"	8.60
51665	Lens Gasket Assembly, ¾"	6.10
51666	Lens Gasket Assembly, 1"	6.10
51667	Lens Gasket Assembly, 1½" and 2"	6.40
51668	Internal Assembly, ¾"	100.00
51669	Internal Assembly, 1"	162.00
51670	Internal Assembly, 1½"	326.00
51671	Internal Assembly, 2"	425.00
51676	Coupling Assembly (2 sets) ¾"	57.00
51677	Coupling Assembly (2 sets) 1"	92.00
51678	Coupling Assembly (2 sets) 1½"	153.00
51679	Coupling Assembly (2 sets) 2"	263.00
51680	Coupling Gasket (2pcs) ¾"	13.70
51681	Coupling Gasket (2pcs) 1"	15.44
51682	Coupling Gasket (2pcs) 1½"	17.64
51683	Coupling Gasket (2pcs) 2"	19.85
51684	Lens ¾" to 2"	22.00
51685	Sensor screw ¾" to 2"	2.21
51650	Single Reed Switch Sensor (WFMxx1), ¾" to 2"	65.00
51651	Dual Reed Switch Sensor (WFMxx1), ¾" to 2"	75.00
51652	Single Hall Effect Sensor (WFMxx2), ¾" to 2"	65.00
51654	Register, ¾"	29.00
51655	Register, 1"	35.00
51656	Register, 1½"	114.00
51657	Register, 2"	114.00
51686	Internal Strainer, ¾"	7.70
51687	Internal Strainer, 1"	8.60
51688	Internal Strainer, 1½" and 2"	13.23
51689	Tubular Strainer, ¾"	3.10
51690	Tubular Strainer, 1"	5.00
51691	Tubular Strainer, 1½"	11.40
51692	Tubular Strainer, 2"	13.23

<b>WFP Series Paddlewheel Flowmeters</b>		<b>PRICE</b>
WFP050	Paddlewheel w/ ½" mounting tee	\$483.00
WFP075	Paddlewheel w/ ¾" mounting tee	489.00
WFP100	Paddlewheel w/ 1" mounting tee	489.00
WFP150	Paddlewheel w/ 1.5" mounting tee	489.00
WFP200	Paddlewheel w/ 2" mounting tee	501.00
WFP300	Paddlewheel w/ 3" mounting saddle	526.00
WFP400	Paddlewheel w/ 4" mounting saddle	600.00
WFP600	Paddlewheel w/ 6" mounting saddle	658.00
51585	Paddlewheel sensor, ½" to 3", no mounting fitting	357.00
51586	Paddlewheel sensor, 4" to 6", no mounting fitting	380.00

## Cooling Tower Accessories

Solenoid Valves		PRICE
102012	Solenoid valve, cooling tower, 1", 120V	\$392.00
102013	Solenoid valve, cooling tower, ¾", 120V	228.00
102014	Solenoid valve, cooling tower, ½", 120V	195.00

## Boiler Accessories

Solenoid Valves		
102219	Solenoid valve, boiler, ½", 100-300 psi, 120V	\$565.00
102220	Solenoid valve, boiler, ¾", 100-300 psi, 120V	657.00
102571	Solenoid valve, boiler, ½", 0-100 psi, 120V	405.00
102572	Solenoid valve, boiler, ¾", 0-100 psi, 120V	414.00

Motorized Ball Valves		
102448	Motorized ball valve, boiler, ½", 0-300 psi, 120V	1,085.00
102449	Motorized ball valve, boiler, ¾", 0-300 psi, 120V	1,145.00
102450	Motorized ball valve, boiler, 1", 0-300 psi, 120V	1,185.00
102452	*Valve, Ball, 1/2", NPT	239.00
102453	*Valve, Ball, 3/4", NPT	295.00
102454	*Valve, Ball, 1", NPT	392.00
102456	*Actuator, Motorized Ball Valve, 120V	701.00
102457	*Actuator, Motorized Ball Valve, 240V	701.00
102458	*Kit, Mounting, Motorized Ball Valve, 1/2"	116.00
102459	*Kit, Mounting, Motorized ball Valve, 3/4"	116.00
102460	*Kit, Mounting, Motorized Ball Valve, 1"	116.00
102461	*Kit, Repair, Motorized Ball Valve, 1/2"	219.00
102462	*Kit, Repair, Motorized Ball Valve, 3/4"	252.00
102463	*Kit, Repair, Motorized Ball Valve, 1"	309.00

\*Replacement parts for motorized ball valves listed above

## Flow Control Valves

190831	Flow control valve, boiler, ¾", 0-150 psi	615.00
190832	Flow control valve, boiler, ¾", 0-300 psi	889.00
190833	Flow control valve, boiler, ½", 0-150 psi	533.00
190834	Flow control valve, boiler, ½", 0-300 psi	775.00

## Orifice Unions

102224	Orifice Union, ½", with 4 orifice plates, 0-1000 psi	252.00
102225	Orifice Union, ¾", with 4 orifice plates, 0-1000 psi	277.00
102226	Orifice Union, 1", with 4 orifice plates, 0-1000 psi	311.00

## Level Switches

190964-3	Level switch, 3 ft. maximum depth	135.00
190964-5	Level switch, 5 ft. maximum depth	145.00



## SECTION V PARTS & ACCESSORIES BY PART NUMBER

Part No.	Description	Price
51158	Electrode, pH, submersion, flat, no cable, CPVC	\$196.00
51160	Cable, 10 ft., threaded cap, BNC, CPVC	76.00
51160-20	Cable, 20 ft., threaded cap, BNC, CPVC	86.00
51188	Electrode, pH, insertion, flat, no cable, CPVC	206.00
51198	Insertion Assy/Cable, 12", 20 ft. cable, ATC, smooth cap, BNC & bare wires, CPVC	585.00
51203	Insertion Assy, 12" CPVC	371.00
51268	Electrode, ORP, insertion, flat, no cable, CPVC	242.00
51369	Buffer, pH 4, pint	13.40
51370	Buffer, pH 7, pint	13.40
51371	Buffer, pH 10, pint	13.40
51372	Quinhydrone, 20 grams	77.00
51373	ORP calibration kit	110.00
100084	Cable, 4 conductor with shield (to extend conductivity sensor cable)	0.74/ft
100177-M	Fitting, 1/2" ID x 1/2" NPTM, for 1/2" diameter pH/ORP electrodes	10.00
100375	Fuse, 3.2 Amp, 240V, W-150/250 Series	6.20
100424	Fuse, 6 Amp, 120V, W-150/250 Series	2.70
101661	Lithium Battery, W-150/250 Series	15.00
102012	Solenoid valve, cooling tower, 1"	392.00
102013	Solenoid valve, cooling tower, 3/4"	228.00
102014	Solenoid valve, cooling tower, 1/2"	195.00
102027	Gland, SS, High Temp/Submersion (pH/ORP)	263.00
102028	Gland, SS, High Temp/In-line (pH/ORP)	269.00
102029	Electrode, pH, high temp/pressure, 10 ft. cable	352.00
102080	Connector, BNC male solderable (use with WEL electrodes that contain preamp)	11.70
102148	Fuse, 1 Amp, 120V or 240 V, W-130/230 Series	2.50
102219	Solenoid valve, boiler, 1/2", 100-300 psi, 120V	565.00
102220	Solenoid valve, boiler, 3/4", 100-300 psi, 120V	657.00
102224	Orifice union, boiler, 1/2", w/4 plates	252.00
102225	Orifice union, boiler, 3/4", w/4 plates	277.00
102226	Orifice union, boiler, 1", w/4 plates	311.00
102369	Fuse, 1/8 Amp, F1 for 120V W300 Series	3.60
102370	Fuse, 5 Amp, 240V W300 Series	3.60
102387	Sample Valve, low pressure	39.00
102410	Cable for flow switch extension	0.63/ft
102432	Fuse, 10 Amp, 120V W300 Series	3.60
102442	Reducing bushing, 1/2" x 3/4", for use with 190810 adapter	5.00
102448	Motorized ball valve, boiler, 1/2", 120V	1,085.00
102449	Motorized ball valve, boiler, 3/4", 120V	1,145.00
102450	Motorized ball valve, boiler, 1", 120V	1,185.00
102452	Valve, ball, 1/2", NPT	239.00

<b>Part No.</b>	<b>Description</b>	<b>Price</b>
102453	Valve, ball, 3/4", NPT	295.00
102454	Valve, ball, 1", NPT	392.00
102456	Actuator, Motorized Ball Valve, 120V	701.00
102457	Actuator, Motorized Ball Valve, 240V	701.00
102458	Kit, mounting, motorized ball valve, 1/2"	116.00
102459	Kit, mounting, motorized ball valve, 3/4"	116.00
102460	Kit, mounting, motorized ball valve, 1"	116.00
102461	Kit, repair, motorized ball valve, 1/2"	219.00
102462	Kit, repair, motorized ball valve, 3/4"	252.00
102463	Kit, repair, motorized ball valve, 1"	309.00
102495	Tubing union, WCU/WNI series	5.00
102535	Cable, 3 twisted pair, shielded, 24 AWG (used to extend pH/ORP/Cond )	2.00/ft
102540	Sample tubing, flow through sensor, WCU/WNI series	0.53/ft
102569	Valve, needle, 1/2" NPT, PP	160.00
102571	Solenoid valve, boiler, 1/2", 0-100 psi, 120V	405.00
102572	Solenoid valve, boiler, 3/4", 0-100 psi, 120V	414.00
102581	Housing with preamplifier and ATC, 20 ft. cable	272.00
102582	Housing with ATC, 20 ft. coaxial cable	212.00
102585	Adapter, WEL electrode, USA for standard 1/4" tee	35.00
102586	In-line mounting nut, WEL or other nut mount sensors	25.00
102588	Cable, 1 pair, shielded, 22 AWG	0.74/ft
102594	O-Ring, FKM, for low pressure sensor mounting	6.70
102602	Tee, 1 1/4", PVC	13.50
102606	Housing with preamplifier, 20 ft. cable	225.00
102606-5	Housing with preamplifier with 5 ft. cable	225.00
102607	Housing, 20 ft. coaxial cable	170.00
102693	In-line mounting adapter, WEL (metric)	35.00
102710	Preamplifier/ pH/ORP, battery powered for W-130/230 series	205.00
102730	Sensor, Econd, no mtg adapter, Passive, PEEK (donut shape)	1,403.00
102759	Housing, WEL electrode, with Pt 100 ATC, 20' cable, BNC connector	212.00
102804	Tee, 1 1/4", CPVC	17.00
102817	In-line mounting adapter, CPVC, for 190954 WEC sensor	89.00
102833	Fuse, F1, 1.6 amp	2.40
102834	Fuse, F2 and F3, 6.3 amp	3.50
102879-01	Elbow, 3/4" threaded, for 190986 electrode	35.00
102881	Flow Switch Body (Tee)	27.00
102884	Tee, 3/4" threaded, for 190986 or WEL electrode	35.00
102919	O-ring, float retaining, for nut mount flow switch	2.40
102921	Tee, 2" NPTF, PVC	35.00
102922	Reducing bushing, 2" x 3/4" NPT	8.50
102943	Pigtail, 120VAC	5.40
102962	Switch, flow switch manifold, high pressure	373.00
102963	Electrode, ORP, high pressure, 12 ft. cable	352.00
102999	Submersion mounting adapter, 316SS, for 102730 PEEK sensor	344.00
103006	Cable, 3 conductor for Hall Effect water meters and paddlewheel	0.84/ft
103056	Sample Valve, high pressure	40.00
103061	Electrode, conductivity, cooling tower, high pressure, 300 psi	549.00
103019	Null modem cable	17.00
103205	Networking "Master" upgrade code	206.00
103262	Electrode, Boiler/Condensate, no ATC, no Junction Box	205.00
103269	Modbus upgrade code	489.00
103270	Networking "Master" upgrade code	515.00

<b>Part No.</b>	<b>Description</b>	<b>Price</b>
103319	Ribbon Cable	21.00
103320	Cover, WA500 Power Supply	38.00
103363	Fuse, 1/16 Amp, F1 for 240V W300 Series	3.50
103419	Washer Set	30.00
103421	Clip Ring	8.80
103422	O-Ring, Washer	1.10
103462	Membrane Cap, Chlorine Dioxide and Peracetic Acid	118.00
103463	Membrane Cap, Free Chlorine/Bromine	87.00
103474	Electrolyte, Free Chlorine/Bromine, 100 mL	36.00
103475	Electrolyte, Chlorine Dioxide, 100 mL	50.00
103498	Membrane Cap, Ozone	139.00
103500	Electrolyte, Ozone, 100 mL	50.00
103501	Electrolyte, PAA, 100 mL	71.00
103519	Rotameter	140.00
103582	Connector Assy, WCU/WNI400	50.00
103712	Membrane Cap, Free Chlorine/Bromine, ext. pH range, and Total Chlorine	118.00
103713	Electrolyte, Total Chlorine, 100 mL	58.00
103726	Electrolyte, Free Chlorine/Bromine, ext. pH range, 100 mL	71.00
190619	Power Supply Board, W-251-pH/ORP	423.00
190620	Power Supply Board, W-252-pH/ORP	460.00
190627	Power Supply Board, W-262-pH/ORP	423.00
190628	Power Supply Board, W-261-pH/ORP	423.00
190633	Circuit board assembly, back panel, all W-250/260	268.00
190744	Option Board, 4-20 mA, W300 series	114.00
190746	Front panel, W-250/260-pH	202.00
190746-ORP	Front panel, W-250/260-ORP	202.00
190753	Power Supply Board w/Fuse, WCT310, 120V	384.00
190754	Power Supply Board w/Fuse, WCT300, 120V	172.00
190755	Power Supply Board w/Fuse, WCT310, 240V	384.00
190756	Power Supply Board w/Fuse, WCT300, 240V	172.00
190762	Electrode, Boiler/Condensate, w/junction box	420.00
190762-NT	Electrode, Boiler Condensate, No temp, w/Junction Box	320.00
190765	Cable assembly, proportional, LMI connector	21.00
190768	Electrode, Boiler/Condensate, no junction box	314.00
190783	Preamplifier assembly, high pressure pH/ORP	173.00
190784	Sensor, flow through, nickel, WNI series	792.00
190785	Sensor, flow through, copper, WCU series	792.00
190787	Sensor, immersible, copper, WCU series	1,251.00
190789	Cable, WCU/WNI sensor, 20 ft.	105.00
190792	Connector, WCU/WNI300	57.00
190797-20	Extension cable, 20 ft., WCU sensors	85.00
190797-40	Extension cable, 40 ft., WCU sensors	110.00
190798	Cooling plate (installed in rinse tank), W300 series	831.00
190799	Cooling coil (installed off-line), W300 series	597.00
190800	Label/Panel assembly, WPH310	600.00
190803	Power Supply Board w/fuse, WNI/WCU310, 120V	384.00
190804	Power Supply Board w/fuse, WNI/WCU310, 240V	384.00
190805	Power Supply Board, 120 V, on/off, WPH310	384.00
190806	Power Supply Board, 120 V, proportional, WPH320, WDP320	413.00
190807	Power Supply Board, 240 V, on/off, WPH310	384.00
190808	Power Supply Board, 240 V, proportional, WPH310	413.00
190809	Option board, pH, WNI series	689.00

<b>Part No.</b>	<b>Description</b>	<b>Price</b>
190810	pH electrode mounting adapter, 3/4"	47.00
190811	Degasser, PP, 3/8" O.D. tubing connection, W300 series	620.00
190817	Label/Panel assembly, WCT310	764.00
190818	Label/Panel assembly, WCM300	528.00
190819	Label/Panel assembly, WBL300	528.00
190820	Option board, dual input, WDx300 series	402.00
190826	Flow switch manifold, pH/ORP, 3/4" PVC	309.00
190829	Preamplifier, pH/ORP with BNC (for W-250/260 series)	193.00
190831	Valve, flow control, boiler, 3/4", 150 psi	615.00
190832	Valve, flow control, boiler, 3/4", 300 psi	889.00
190833	Valve, flow control, boiler, 1/2", 150 psi	533.00
190834	Valve, flow control, boiler, 1/2", 300 psi	775.00
190851	Junction box	67.00
190852	Label/Panel assembly, WPH320	600.00
190853	Label/Panel assembly, WCU310	1,868.00
190854	Label/Panel assembly, WNI310	1,868.00
190858	pH mounting adapter, 1 1/4" tee to 3/8" tubing	84.00
190863	Kit, US in-line mounting, WEL	68.00
190864	Processor board, all W-250-pH	364.00
190865	Processor board, all W-250-ORP	364.00
190866	Processor board, all W-260-pH	364.00
190867	Processor board, all W-260-ORP	364.00
190877	Kit, metric in-line mounting, WEL	68.00
190890-50	Extension cable, 50 ft., battery powered preamp	62.00
190890-75	Extension cable, 75 ft., battery powered preamp	72.00
190890-100	Extension cable, 100 ft., battery powered preamp	84.00
190890-125	Extension cable, 125 ft., battery powered preamp	96.00
190891	Label/Panel assembly, WEC	814.00
190894	Label/Panel assembly, WDB300	528.00
190895	Label/Panel assembly, WDC300	528.00
190896	Label/Panel assembly, WDT300	458.00
190897	Label/Panel assembly, WDT310	742.00
190898	Label/Panel assembly, WDP310	633.00
190899	Label/Panel assembly, WDP320	633.00
190900	Power Supply Board, WDB300, 120V	384.00
190901	Power Supply Board, WDB300, 240V	384.00
190902	Power Supply Board, WDC300, 120V	384.00
190903	Power Supply Board, WDC300, 240V	384.00
190904	Power Supply Board w/Fuse, WDT300, 120V	384.00
190905	Power Supply Board w/Fuse, WDT300, 240V	384.00
190906	Power Supply Board w/Fuse, WDT310, 120V	384.00
190907	Power Supply Board w/Fuse, WDT310, 240V	384.00
190908	Power Supply Board, 120 V, WDP310	373.00
190909	Power Supply Board, 240 V, WDP310	373.00
190910	Power Supply Board, 120 V, WDP340	434.00
190911	Power Supply Board, 240 V, WDP340	434.00
190912	Power Supply Board, WEC, 120 V	384.00
190913	Power Supply Board, WEC, 240 V	384.00
190914	Reed switch for 190770-10 flow switch, 10 ft. cable	101.00
190915	Test lead kit, WEC	1.20
190916-25	Extension cable, 25 ft., WEC sensor	58.00
190916-50	Extension cable, 50 ft., WEC sensor	82.00

<b>Part No.</b>	<b>Description</b>	<b>Price</b>
190916-75	Extension cable, 75 ft., WEC sensor	107.00
190916-100	Extension cable, 100 ft., WEC sensor	130.00
190918	Electrodeless input board	344.00
190919	Submersion adapter, CPVC, for 102730 PEEK sensor	35.00
190921	Sample System, 120 VAC, 60 Hz (includes nickel & pH sensors)	4,148.00
190922	Sample System, 240 VAC, 50 Hz (includes nickel & pH sensors)	4,148.00
190945	In-line adapter with nut, for 102730 PEEK sensor	125.00
190949-10	Cable, 10 ft., to extend W300/400 ccond sensor, used with junction box	7.00
190949-25	Cable, 25 ft., to extend W300/400 ccond sensor, used with junction box	18.20
190949-50	Cable, 50 ft., to extend W300/400 ccond sensor, used with junction box	36.00
190949-100	Cable, 100 ft., to extend W300/400 ccond sensor, used with junction box	72.00
190950	Label/Panel assembly, WDP 340	633.00
190954	Sensor, Econd, 20 ft. cable, passive, CPVC	288.00
190964-3	Level switch, 3 ft. maximum depth	135.00
190964-5	Level switch, 5 ft. maximum depth	145.00
190980	Power Supply Board, WBL300, 120V	172.00
190981	Power Supply Board, WBL300, 240V	172.00
190982	Power Supply Board, WCM300, 120V	172.00
190983	Power Supply Board, WCM300, 240V	172.00
190984	Electrode, Contacting Conductivity, Active, Graphite	161.00
190984-05	Contacting, PP/Graphite, 5 ft. cable, no tee (for use with flow switch manifold)	161.00
190986	Electrode, conductivity, cooling tower, nut mount style	134.00
190986-05	Electrode assembly, Ccond, passive, .5'	134.00
190988	Sensor, Econd, 1 - 10 mS/cm, 20 ft. cable, no tee, no mtg adapter, Active, CPVC	468.00
190996	Float, for 191006 manifold	46.00
190997	Flow switch, 150 psi	125.00
190997-20	Flow switch assembly, 20 ft. cable	137.00
190998	Reed switch, for nut mount manifold	70.00
191005	Flow switch manifold, dual pH/ORP	329.00
191006	Flow switch manifold, pH/ORP, used in options 4, 4T and 7	232.00
191007	Flow switch manifold, used with nut mount style conductivity electrode	213.00
191008	Flow switch manifold, used with nut mount style cond. electrode +pH/ORP	275.00
191009	Manifold, Flow Switch, Contacting Conductivity + Dual pH/ORP	345.00
191012	In-line mounting adapter w/nut, 316SS, for 102730 PEEK sensor	201.00
191013	Power Supply Board, 120 V, WDP 320	413.00
191014	Power Supply Board, 240 V, WDP 320	413.00
191020	Switch & Float assembly	118.00
191022	Manifold, Flow Switch, Electrodeless Conductivity	213.00
191023	Manifold, Flow Switch, Electrodeless Conductivity + pH/ORP	275.00
191024	Manifold, Flow Switch, Electrodeless Cond. + Dual pH/OR	345.00
191024	Manifold, Flow Switch, Electrodeless Cond. + Dual pH/ORP	345.00
191038	Kit, US in-line mounting, 3/4" tee	68.00
191040	4-20 mA Output Card	114.00
191041	Digital Input Card	168.00
191042	Analog Input Card	223.00
191043	Ethernet Card	557.00
191044	Modem Card	445.00
191045	Sensor Input Card	218.00
191046	Power Supply, W700	152.00
191047	Relay Card, 7 powered, dry contact alarm	264.00
191048	Relay Card, 6 powered, dry contact alarm/bleed	264.00
191049	Display	134.00

<b>Part No.</b>	<b>Description</b>	<b>Price</b>
191050	Core Interface Card	479.00
191051	Core Card w/ memory module	754.00
191052	Memory Module	146.00
191077	High pressure manifold, ccond	672.00
191078	High pressure manifold, pH/ccond	947.00
191081	Relay Card, 4 powered blowdown, 4 dry alarm/feed	264.00
191082	Core Card + memory module	754.00
191084	Memory Module	146.00
191086	Sensor Signal Conditioning Card, for 190768 electrode	110.00
191087	Contacting, 250 psi, no cable (boiler) with preamp and j-box	656.00
191080	Relay Card, 8 powered	264.00
191090	Manifold, Flow Switch, Contacting Conductivity + Dual pH/ORP, high press.	1,262.00
191091	Electrode, high pressure, 300 psi, 3/4" NPTM with preamp	656.00
191096-05	Contacting, PP/stainless, 5 ft. cable, no tee (for use with flow switch manifold)	215.00
191097	Electrode, conductivity, cooling tower, nut mount style (stainless steel)	188.00
191101	Filter, 20 Amp	271.00
191102	Label/Panel Assy, WCT300-N (if serial no. is 020730xxxx or higher)	458.00
191108	Sensor, Econd, 10 - 100 mS/cm, 20 ft. cable, no tee, no mtg adapter, Active, CPVC	468.00
191108-05	Sensor, Econd, 10 - 100 mS/cm, 5 ft. cable, no tee, no mtg adapter, Active, CPVC	468.00
191113-05	Sensor, Econd, 100 - 1000 mS/cm, 5 ft. cable, no tee, no mtg adapter, Active, CPVC	468.00
191118	103109 Modem + instructions	189.00
191119	103075 Core card w/memory module + instructions	754.00
191120	191093 Process monitor board + instructions	384.00
191121	191095 Power Supply Board + instructions	146.00
191122	Relay Card, 8 powered, WGI	264.00
191123	Core card + memory module, WGI	754.00
191124	Memory module, WGI	146.00
191125	Core interface card, WGI	479.00
191113	Sensor, Econd, 1000 mS/cm, 20 ft. cable, no tee, no mtg adapter, Active, CPVC	468.00
191128	Core Card + memory module, WMT, CE approved	754.00
191129	Core Card + memory module, WMB, CE approved	754.00
191130	Core Card + memory module, WGI, CE approved	754.00
191145	Sensor, Econd, 20 ft. cable, Passive, PEEK	828.00
191154	Label/Panel Assy, WBL310	528.00
191155	Power Supply Board, WBL310, 120V	172.00
191156	Power Supply Board, WBL310, 240V	172.00
191159	Label/Panel Assembly, WPH315	600.00
191160	Label/Panel Assembly, WPH325	600.00
191161	Label/Panel Assembly, WDP315	633.00
191162	Label/Panel Assembly, WDP325	633.00
191163	Label/Panel Assembly, WDP345	633.00
191164	Power Supply Board, WPH315, 120V	384.00
191165	Power Supply Board, WPH315, 240V	384.00
191166	Power Supply Board, WPH325, 120V	413.00
191167	Power Supply Board, WPH325, 240V	413.00
191168	Power Supply Board, WDP315, 120V	373.00
191169	Power Supply Board, WDP315, 240V	373.00
191170	Power Supply Board, WDP325, 120V	413.00
191171	Power Supply Board, WDP325, 240V	413.00
191172	Power Supply Board, WDP345, 120V	434.00
191173	Power Supply Board, WDP345, 120V	434.00
191189	Manifold, Flow Switch, Contacting Conductivity, high pressure	573.00

<b>Part No.</b>	<b>Description</b>	<b>Price</b>
191190-05	Sensor, Econd, 0.1 - 1 mS/cm, 5 ft. cable, no tee, no mtg adapter, Active, CPVC	468.00
191192	Cond, electrodeless, active, submersion mounting, 20 ft. cable, PEEK, 1 -10 mS/cm	1,009.00
191193	Cond, electrodeless, active, submersion mounting, 20 ft. cable, PEEK, 10 -100 mS/cm	1,009.00
191194	Cond, electrodeless, active, submersion mounting, 20 ft. cable, PEEK, 100 -1000 mS/cm	1,009.00
191198	Sensor, Contacting, PP/graphite, 20 ft. cable, in-line or submersion	227.00
191200	Sensor, Contacting, PP/stainless, 20 ft. cable, in-line or submersion	281.00
191239	Core Interface Board	671.00
191265	Core, WIND	473.00
191279-R	Flow Cell Body	42.00
191280	Sensor, Chlorine Dioxide, no cable	1,449.00
191289	Flow cell assembly, Disinfection Sensor	74.00
191294	Power Supply, W800	152.00
191300	Sensor, Free Chlorine/Bromine, no cable	1,236.00
191303	Cable, disinfection sensors, 20 ft.	88.00
191303-05	Cable, disinfection sensors, 5 ft.	72.00
191314	Process Monitor Board, WA500	541.00
191316	Power Supply - I/O Board, WA500	236.00
191317	Core Board, WA500	473.00
191317-M	Core Board with Master Capability, WA500	689.00
191320	Sensor, Ozone, no cable	1,869.00
191338	Sensor, Peracetic Acid, no cable	1,666.00
191343	Label/Panel Assembly, WDIS310	738.00
191344	Power Supply Board, 120V, WDIS310	373.00
191345	Power Supply Board, 240V, WDIS310	373.00
191349	Manifold, disinfection sensor	473.00
191350	Sensor, Peracetic acid, 2000ppm, 20 ft. cable, no flow cell	1,701.00
191351	Electrode, pH, flat, 5 ft. cable, no tee, w/o temp comp	375.00
191352	Electrode, pH, bulb, 5 ft. cable, no tee, w/temp comp	400.00
191353	Electrode, pH, bulb, 5 ft. cable, no tee, w/o temp comp	353.00
191354	Electrode, pH, flat, HF resistant, 5 ft. cable, w/temp comp	449.00
191355	Electrode, pH, flat, HF resistant, 5 ft. cable, w/o temp comp	402.00
191356	Electrode, pH, bulb, HF resistant, 5 ft. cable, w/temp comp	492.00
191357	Electrode, pH, bulb, HF resistant, 5 ft. cable, w/o temp comp	445.00
191358	Electrode, pH, low ionic strength, 5 ft. cable	459.00
191359	Electrode, pH, low ionic strength, 5 ft. cable, w/o temp comp	412.00
191360	Electrode, ORP, flat style, 5 ft. cable, no tee, w/o temp comp	402.00
191361	Sensor, Free Chlorine/Bromine, 20 ft. cable	1,271.00
191362	Sensor, Chlorine Dioxide, 20 ft. cable	1,484.00
191363	Sensor, Ozone, 20 ft. cable	1,904.00
191364	Sensor, Econd, 0.1 - 1 mS/cm, 20 ft. cable, in-line w/mtg adapter, Active, CPVC	593.00
191365	Sensor, Econd, 10 - 100 mS/cm, 20 ft. cable, in-line w/mtg adapter, Active, CPVC	593.00
191366	Sensor, Econd, 100 - 1000 mS/cm, 20 ft. cable, in-line w/mtg adapter, Active, CPVC	593.00
191367	Sensor, Econd, 0.1 - 1 mS/cm, 20 ft. cable, in-line w/mtg adapter, Active, PEEK	1,173.00
191368	Sensor, Econd, 1 - 10 mS/cm, 20 ft. cable, in-line w/mtg adapter, Active, PEEK	1,173.00
191369	Sensor, Econd, 10 - 100 mS/cm, 20 ft. cable, in-line w/mtg adapter, Active, PEEK	1,173.00
191370	Sensor, Econd, 100 - 1000 mS/cm, 20 ft. cable, in-line w/mtg adapter, Active, PEEK	1,173.00
191371	Manifold, High pressure pH or ORP	804.00
191372	Manifold, Two high pressure pH or ORP	1,200.00
191373	Manifold, High pressure pH or ORP on Polypro panel	885.00
191374	Manifold, Two low pressure pH or ORP on Polypro panel	372.00
191375	Manifold, Two high pressure pH or ORP on Polypro panel	1,281.00
191379	Core Interface Board, WIND	671.00

<b>Part No.</b>	<b>Description</b>	<b>Price</b>
191383	Option Board, 4-20mA Output, W400 Series	114.00
191384	Option Board, Conductivity, WDT400, WDB/WDC400 Series	402.00
191385	Option Board, pH/ORP, WDT410 Series	402.00
191386	Power/Relay Board, WCT410	384.00
191387	Power/Relay Board, WCT400	172.00
191389	Power/Relay Board, WPH/WDIS410	384.00
191390	Power/Relay Board, WPH/WDP420	413.00
191391	Power/Relay Board, WDP440	434.00
191392	Label/Panel Assy, WCT400-N	458.00
191393	Label/Panel Assy, WCT410-N	764.00
191394	Label/Panel Assy, WBL400-N	528.00
191395	Label/Panel Assy, WBL410-N	528.00
191396	Label/Panel Assy, WDB400-N	528.00
191397	Label/Panel Assy, WDT410-N	742.00
191398	Label/Panel Assy, WCM400-N	528.00
191399	Label/Panel Assy, WDC400-N	528.00
191400	Label/Panel Assy, WPH/WDP410-N	600.00
191401	Label/Panel Assy, WPH/WDP420-N	600.00
191404	Label/Panel Assy, WDP440-N	600.00
191405	Label/Panel Assy, WEC/WDEC410-N	814.00
191406	Label/Panel Assy, WDIS410-N	738.00
191407	Label/Panel Assy, WCU410-N	1,868.00
191408	Label/Panel Assy, WNI410-N	1,868.00
191409	Label/Panel Assy, WDT400-N	458.00
191429	Power/Relay Board, WEC/WDEC/WDP410	384.00
191430	Power/Relay Board, WDT410	384.00
191431	Power/Relay Board, WDT400	384.00
191432	Power/Relay Board, WDB400	384.00
191433	Power/Relay Board, WDC400	384.00
191434	Power/Relay Board, WBL410	384.00
191435	Power/Relay Board, WCU410	384.00
191436	Power/Relay Board, WNI410	384.00
191437	Power/Relay Board, WNI411	384.00
191438	Power/Relay Board, WBL400	172.00
191439	Power/Relay Board, WCM400	172.00
191444	Label/Panel Assy, WCT410-U	969.00
191445	Free Chlorine/Bromine Sensor, ext. pH range	1,449.00
191446	Free Chlorine/Bromine, ext. pH range, 20 ft. cable, no mounting hardware	1,484.00
191447	Label/Panel Assy, WCT400-U	663.00
191449	Label/Panel Assy, WBL400-U	733.00
191450	Label/Panel Assy, WBL410-U	733.00
191451	Label/Panel Assy, WDB400-U	733.00
191452	Label/Panel Assy, WDT410-U	947.00
191453	Label/Panel Assy, WCM400-U	733.00
191454	Label/Panel Assy, WDC400-U	733.00
191455	Label/Panel Assy, WPH/DP410-U	804.00
191456	Label/Panel Assy, WPH/DP420-U	804.00
191459	Label/Panel Assy, WDP440-U	804.00
191460	Label/Panel Assy, WEC/WDEC410-U	1,019.00
191461	Label/Panel Assy, WDIS410-U	943.00
191462	Label/Panel Assy, WCU410-U	2,073.00
191463	Label/Panel Assy, WNI410-U	2,073.00

<b>Part No.</b>	<b>Description</b>	<b>Price</b>
191464	Label/Panel Assy, WDT400-U	663.00
191499	Total Chlorine, 20 ft. cable, no mounting hardware	1,607.00
191492	Total Chlorine Sensor, no cable	1,572.00
CP1-244	Sample pump, bellows, 120 V, 60 Hz	315.00
CP1-245	Sample pump, bellows, 240 V, 50 Hz	315.00
WCDB-20	Sensor, Chlorine Dioxide, Flow Cell, 20 ft. cable	1,557.00
WEL-MVF-NN	Electrode, ORP, flat surface	177.00
WEL-MVR-NN	Electrode, ORP, rod-style platinum, for water with free halogen levels below 0.25 mg/l	211.00
WEL-MVF-21	Electrode, ORP, flat style, 20 ft. cable, submersion	402.00
WEL-MVR-21	Electrode, ORP, rod style, 20 ft. cable, submersion	436.00
WEL-MVR-22	Electrode, ORP, rod style, 20 ft. cable, in-line	502.00
WEL-PHB-NN	Electrode, pH, bulb surface	128.00
WEL-PHB-11	Electrode, pH, bulb, 20 ft. cable, submersion, w/temp comp	400.00
WEL-PHB-12	Electrode, pH, bulb, 20 ft. cable, in-line, w/tee, w/ temp comp	466.00
WEL-PHB-21	Electrode, pH, bulb, 20 ft. cable, submersion, w/o temp comp	353.00
WEL-PHB-22	Electrode, pH, bulb, 20 ft. cable, in-line, w/tee, w/o temp comp	419.00
WEL-PHF-NN	Electrode, pH, flat surface	150.00
WEL-PHF-11	Electrode, pH, flat, 20 ft. cable, submersion	422.00
WEL-PHF-12	Electrode, pH with preamplifier, ATC, in-line	488.00
WEL-PHF-21	Electrode, pH, flat, 20 ft. cable, submersion, w/o temp comp	375.00
WEL-PHF-22	Electrode, pH with preamplifier, in-line	441.00
WEL-PHH-NN	Electrode, pH, flat, HF resistant	177.00
WEL-PHH-11	Electrode, pH, flat, HF resistant, 20 ft. cable, submersion, w/temp comp	449.00
WEL-PHH-12	Electrode, pH, flat, HF resistant, 20 ft. cable, in-line, w/tee, w/ temp comp	516.00
WEL-PHH-21	Electrode, pH, flat, HF resistant 20 ft. cable, submersion, w/o temp comp	402.00
WEL-PHH-22	Electrode, pH, flat, HF resistant, 20 ft. cable, in-line, w/tee, w/o temp comp	468.00
WEL-PHLI-NN	Electrode, pH, flat surface, for water with conductivity below 100µS/cm	187.00
WEL-PHLI-11	Electrode, pH, low ionic strength (under 100 µS/cm), 20 ft. cable, submersion, w/temp comp	459.00
WEL-PHLI-12	Electrode, pH, low ionic strength (under 100µS/cm), 20 ft. cable, in-line, w/tee, w/temp comp	525.00
WEL-PHLI-21	Electrode, pH, Low ionic strength (under 100 µS/cm),20 ft. cable, submersion, w/o temp comp	412.00
WEL-PHLI-22	Electrode, pH, low ionic strength (under 100µS/cm), 20 ft. cable, in-line, w/tee, w/o temp comp	478.00
WFCB-20	Sensor, Chlorine/Bromine, Flow Cell, 20 ft. cable	1,344.00
WFCXB-20	Sensor, Chlorine/Bromine, ext. pH range, Flow Cell, 20 ft. cable	1,557.00
WFM071	Water meter contactor, 3/4"	224.00
WFM072-0	Water meter contactor, 3/4"	224.00
WFM101	Water meter contactor, 1"	300.00
WFM102-0	Water meter contactor, 1"	299.00
WFM151	Water meter contactor, 1 1/2"	557.00
WFM152-0	Water meter contactor, 1.5"	557.00
WFM201	Water meter contactor, 2"	696.00
WFM202-0	Water meter contactor, 2"	696.00
WFP050	Paddlewheel w/ 1/2" mounting tee	483.00
WFP075	Paddlewheel w/ 3/4" mounting tee	489.00
WFP100	Paddlewheel w/ 1" mounting tee	489.00
WFP150	Paddlewheel w/ 1.5" mounting tee	489.00
WFP200	Paddlewheel w/ 2" mounting tee	501.00
WFP300	Paddlewheel w/ 3" mounting saddle	526.00
WFP400	Paddlewheel w/ 4" mounting saddle	600.00
WFP600	Paddlewheel w/ 6" mounting saddle	658.00
WOZB-20	Sensor, Ozone, Flow Cell, 20 ft. cable	1,977.00
WPAB-20	Sensor, Peracetic Acid, Flow Cell, 20 ft. cable	1,775.00
WTCB-20	Total Chlorine Sensor, Flow cell, 20 ft. cable	1,680.00



## SECTION VI PARTS & ACCESSORIES BY DESCRIPTION

Part No.	Description	Price
191119	103075 Core card w/memory module + instructions	\$754.00
191118	103109 Modem + instructions	189.00
191120	191093 Process monitor board + instructions	384.00
191121	191095 Power Supply Board + instructions	146.00
191040	4-20 mA Output Card	114.00
102456	Actuator, Motorized Ball Valve, 120V	701.00
102457	Actuator, Motorized Ball Valve, 240V	701.00
102585	Adapter, WEL electrode, USA for standard 1/4" tee	35.00
191042	Analog Input Card	223.00
51371	Buffer, pH 10, pint	13.40
51369	Buffer, pH 4, pint	13.40
51370	Buffer, pH 7, pint	13.40
190765	Cable assembly, proportional, LMI connector	21.00
102410	Cable for flow switch extension	0.63/ft
102588	Cable, 1 pair, shielded, 22 AWG	0.74/ft
51160	Cable, 10 ft., threaded cap, BNC, CPVC	76.00
190949-10	Cable, 10 ft., to extend W300/400 ccond sensor, used with junction box	7.00
190949-100	Cable, 100 ft., to extend W300/400 ccond sensor, used with junction box	72.00
51160-20	Cable, 20 ft., threaded cap, BNC, CPVC	86.00
190949-25	Cable, 25 ft., to extend W300/400 ccond sensor, used with junction box	18.20
103006	Cable, 3 conductor for Hall Effect water meters and paddlewheel	0.84/ft
102535	Cable, 3 twisted pair, shielded, 24 AWG (used to extend pH/ORP/Cond )	2.00/ft
100084	Cable, 4 conductor with shield (to extend conductivity sensor cable)	0.74/ft
190949-50	Cable, 50 ft., to extend W300/400 ccond sensor, used with junction box	36.00
191303	Cable, disinfection sensors, 20 ft.	88.00
191303-05	Cable, disinfection sensors, 5 ft.	72.00
190789	Cable, WCU/WNI sensor, 20 ft.	105.00
190633	Circuit board assembly, back panel, all W-250/260	268.00
103421	Clip Ring	8.80
191192	Cond, electrodeless, active, submersion mounting, 20 ft. cable, PEEK, 1 -10 mS/cm	1,009.00
191193	Cond, electrodeless, active, submersion mounting, 20 ft. cable, PEEK, 10 -100 mS/cm	1,009.00
191194	Cond, electrodeless, active, submersion mounting, 20 ft. cable, PEEK, 100 -1000 mS/cm	1,009.00
103582	Connector Assy, WCU/WNI400	50.00
102080	Connector, BNC male solderable (use with WEL electrodes that contain preamp)	11.70
190792	Connector, WCU/WNI300	57.00
191087	Contacting, 250 psi, no cable (boiler) with preamp and j-box	656.00
190984-05	Contacting, PP/Graphite, 5 ft. cable, no tee (for use with flow switch manifold)	161.00
191096-05	Contacting, PP/stainless, 5 ft. cable, no tee (for use with flow switch manifold)	215.00
190799	Cooling coil (installed off-line), W300 series	597.00
190798	Cooling plate (installed in rinse tank), W300 series	831.00
191317-M	Core Board with Master Capability, WA500	689.00
191317	Core Board, WA500	473.00
191082	Core Card + memory module	754.00
191123	Core card + memory module, WGI	754.00
191130	Core Card + memory module, WGI, CE approved	754.00
191129	Core Card + memory module, WMB, CE approved	754.00
191128	Core Card + memory module, WMT, CE approved	754.00

<b>Part No.</b>	<b>Description</b>	<b>Price</b>
191051	Core Card w/ memory module	754.00
191239	Core Interface Board	671.00
191379	Core Interface Board, WIND	671.00
191050	Core Interface Card	479.00
191125	Core interface card, WGI	479.00
191265	Core, WIND	473.00
103320	Cover, WA500 Power Supply	38.00
190811	Degasser, PP, 3/8" O.D. tubing connection, W300 series	620.00
191041	Digital Input Card	168.00
191049	Display	134.00
102879-01	Elbow, 3/4" threaded, for 190986 electrode	35.00
103262	Electrode, Boiler/Condensate, no ATC, no Junction Box	205.00
190768	Electrode, Boiler/Condensate, no junction box	314.00
190762	Electrode, Boiler/Condensate, w/junction box	420.00
190762-NT	Electrode, Boiler Condensate, No temp, w/Junction Box	320.00
103061	Electrode, conductivity, cooling tower, high pressure, 300 psi	549.00
190986	Electrode, conductivity, cooling tower, nut mount style	134.00
190986-05	Electrode assembly, Ccond, passive, .5'	134.00
191097	Electrode, conductivity, cooling tower, nut mount style (stainless steel)	188.00
190984	Electrode, Contacting Conductivity, Active, Graphite	161.00
191091	Electrode, high pressure, 300 psi, 3/4" NPTM with preamp	656.00
WEL-MVF-21	Electrode, ORP, flat style, 20 ft. cable, submersion	402.00
191360	Electrode, ORP, flat style, 5 ft. cable, no tee, w/o temp comp	402.00
WEL-MVF-NN	Electrode, ORP, flat surface	177.00
102963	Electrode, ORP, high pressure, 12 ft. cable	352.00
51268	Electrode, ORP, insertion, flat, no cable, CPVC	242.00
WEL-MVR-22	Electrode, ORP, rod style, 20 ft. cable, in-line	502.00
WEL-MVR-21	Electrode, ORP, rod style, 20 ft. cable, submersion	436.00
WEL-MVR-NN	Electrode, ORP, rod-style platinum, for water with free halogen levels below 0.25 mg/l	211.00
WEL-PHF-12	Electrode, pH with preamplifier, ATC, in-line	488.00
WEL-PHF-22	Electrode, pH with preamplifier, in-line	441.00
WEL-PHB-NN	Electrode, pH, bulb surface	128.00
WEL-PHB-12	Electrode, pH, bulb, 20 ft. cable, in-line, w/tee, w/ temp comp	466.00
WEL-PHB-22	Electrode, pH, bulb, 20 ft. cable, in-line, w/tee, w/o temp comp	419.00
WEL-PHB-21	Electrode, pH, bulb, 20 ft. cable, submersion, w/o temp comp	353.00
WEL-PHB-11	Electrode, pH, bulb, 20 ft. cable, submersion, w/temp comp	400.00
191353	Electrode, pH, bulb, 5 ft. cable, no tee, w/o temp comp	353.00
191352	Electrode, pH, bulb, 5 ft. cable, no tee, w/temp comp	400.00
191357	Electrode, pH, bulb, HF resistant, 5 ft. cable, w/o temp comp	445.00
191356	Electrode, pH, bulb, HF resistant, 5 ft. cable, w/temp comp	492.00
WEL-PHF-NN	Electrode, pH, flat surface	150.00
WEL-PHLI-NN	Electrode, pH, flat surface, for water with conductivity below 100µS/cm	187.00
WEL-PHF-11	Electrode, pH, flat, 20 ft. cable, submersion	422.00
WEL-PHF-21	Electrode, pH, flat, 20 ft. cable, submersion, w/o temp comp	375.00
191351	Electrode, pH, flat, 5 ft. cable, no tee, w/o temp comp	375.00
WEL-PHH-NN	Electrode, pH, flat, HF resistant	177.00
WEL-PHH-21	Electrode, pH, flat, HF resistant 20 ft. cable, submersion, w/o temp comp	402.00
WEL-PHH-12	Electrode, pH, flat, HF resistant, 20 ft. cable, in-line, w/tee, w/ temp comp	516.00
WEL-PHH-22	Electrode, pH, flat, HF resistant, 20 ft. cable, in-line, w/tee, w/o temp comp	468.00
WEL-PHH-11	Electrode, pH, flat, HF resistant, 20 ft. cable, submersion, w/temp comp	449.00
191355	Electrode, pH, flat, HF resistant, 5 ft. cable, w/o temp comp	402.00
191354	Electrode, pH, flat, HF resistant, 5 ft. cable, w/temp comp	449.00

<b>Part No.</b>	<b>Description</b>	<b>Price</b>
102029	Electrode, pH, high temp/pressure, 10 ft. cable	352.00
51188	Electrode, pH, insertion, flat, no cable, CPVC	206.00
WEL-PHLI-11	Electrode, pH, low ionic strength (under 100 $\mu$ S/cm), 20 ft. cable, submersion, w/temp comp	459.00
WEI-PHLI-21	Electrode, pH, Low ionic strength (under 100 $\mu$ S/cm), 20 ft. cable, submersion, w/o temp comp	412.00
WEL-PHLI-12	Electrode, pH, low ionic strength (under 100 $\mu$ S/cm), 20 ft. cable, in-line, w/tee, w/temp comp	525.00
WEL-PHLI-22	Electrode, pH, low ionic strength (under 100 $\mu$ S/cm), 20 ft. cable, in-line, w/tee, w/o temp comp	478.00
191358	Electrode, pH, low ionic strength, 5 ft. cable	459.00
191359	Electrode, pH, low ionic strength, 5 ft. cable, w/o temp comp	412.00
51158	Electrode, pH, submersion, flat, no cable, CPVC	196.00
190918	Electrodeless input board	344.00
103475	Electrolyte, Chlorine Dioxide, 100 mL	50.00
103474	Electrolyte, Free Chlorine/Bromine, 100 mL	36.00
103726	Electrolyte, Free Chlorine/Bromine, ext. pH range, 100 mL	71.00
103500	Electrolyte, Ozone, 100 mL	50.00
103501	Electrolyte, PAA, 100 mL	71.00
103713	Electrolyte, Total Chlorine, 100 mL	58.00
191043	Ethernet Card	557.00
190890-100	Extension cable, 100 ft., battery powered preamp	84.00
190916-100	Extension cable, 100 ft., WEC sensor	130.00
190890-125	Extension cable, 125 ft., battery powered preamp	96.00
190797-20	Extension cable, 20 ft., WCU sensors	85.00
190916-25	Extension cable, 25 ft., WEC sensor	58.00
190797-40	Extension cable, 40 ft., WCU sensors	110.00
190890-50	Extension cable, 50 ft., battery powered preamp	62.00
190916-50	Extension cable, 50 ft., WEC sensor	82.00
190890-75	Extension cable, 75 ft., battery powered preamp	72.00
190916-75	Extension cable, 75 ft., WEC sensor	107.00
191101	Filter, 20 Amp	271.00
100177-M	Fitting, 1/2" ID x 1/2" NPTM, for 1/2" diameter pH/ORP electrodes	10.00
190996	Float, for 191006 manifold	46.00
191289	Flow cell assembly, Disinfection Sensor	74.00
191279-R	Flow Cell Body	42.00
102881	Flow Switch Body (Tee)	27.00
191005	Flow switch manifold, dual pH/ORP	329.00
190826	Flow switch manifold, pH/ORP, 3/4" PVC	309.00
191006	Flow switch manifold, pH/ORP, used in options 4, 4T and 7	232.00
191008	Flow switch manifold, used with nut mount style cond. electrode +pH/ORP	275.00
191007	Flow switch manifold, used with nut mount style conductivity electrode	213.00
190997	Flow switch, 150 psi	125.00
190997-20	Flow switch assembly, 20 ft. cable	137.00
191445	Free Chlorine/Bromine Sensor, ext. pH range	1,449.00
191446	Free Chlorine/Bromine, ext. pH range, 20 ft. cable, no mounting hardware	1,484.00
190746-ORP	Front panel, W-250/260-ORP	202.00
190746	Front panel, W-250/260-pH	202.00
102148	Fuse, 1 Amp, 120V or 240 V, W-130/230 Series	2.50
103363	Fuse, 1/16 Amp, F1 for 240V W300 Series	3.50
102369	Fuse, 1/8 Amp, F1 for 120V W300 Series	3.60
102432	Fuse, 10 Amp, 120V W300 Series	3.60
100375	Fuse, 3.2 Amp, 240V, W-150/250 Series	6.20
102370	Fuse, 5 Amp, 240V W300 Series	3.60
100424	Fuse, 6 Amp, 120V, W-150/250 Series	2.70
102833	Fuse, F1, 1.6 amp	2.40

<b>Part No.</b>	<b>Description</b>	<b>Price</b>
102834	Fuse, F2 and F3, 6.3 amp	3.50
102028	Gland, SS, High Temp/In-line (pH/ORP)	269.00
102027	Gland, SS, High Temp/Submersion (pH/ORP)	263.00
191077	High pressure manifold, ccond	672.00
191078	High pressure manifold, pH/ccond	947.00
102582	Housing with ATC, 20 ft. coaxial cable	212.00
102581	Housing with preamplifier and ATC, 20 ft. cable	272.00
102606-5	Housing with preamplifier with 5 ft. cable	225.00
102606	Housing with preamplifier, 20 ft. cable	225.00
102607	Housing, 20 ft. coaxial cable	170.00
102759	Housing, WEL electrode, with Pt 100 ATC, 20' cable, BNC connector	212.00
190945	In-line adapter with nut, for 102730 PEEK sensor	125.00
191012	In-line mounting adapter w/nut, 316SS, for 102730 PEEK sensor	201.00
102817	In-line mounting adapter, CPVC, for 190954 WEC sensor	89.00
102693	In-line mounting adapter, WEL (metric)	35.00
102586	In-line mounting nut, WEL or other nut mount sensors	25.00
51203	Insertion Assy, 12" CPVC	371.00
51198	Insertion Assy/Cable, 12", 20 ft. cable, ATC, smooth cap, BNC & bare wires, CPVC	585.00
190851	Junction box	67.00
190877	Kit, metric in-line mounting, WEL	68.00
102458	Kit, mounting, motorized ball valve, 1/2"	116.00
102460	Kit, mounting, motorized ball valve, 1"	116.00
102459	Kit, mounting, motorized ball valve, 3/4"	116.00
102461	Kit, repair, motorized ball valve, 1/2"	219.00
102463	Kit, repair, motorized ball valve, 1"	309.00
102462	Kit, repair, motorized ball valve, 3/4"	252.00
191038	Kit, US in-line mounting, 3/4" tee	68.00
190863	Kit, US in-line mounting, WEL	68.00
190819	Label/Panel assembly, WBL300	528.00
190818	Label/Panel assembly, WCM300	528.00
190817	Label/Panel assembly, WCT310	764.00
190853	Label/Panel assembly, WCU310	1,868.00
190894	Label/Panel assembly, WDB300	528.00
190895	Label/Panel assembly, WDC300	528.00
191343	Label/Panel Assembly, WDIS310	738.00
190950	Label/Panel assembly, WDP 340	633.00
190898	Label/Panel assembly, WDP310	633.00
191161	Label/Panel Assembly, WDP315	633.00
190899	Label/Panel assembly, WDP320	633.00
191162	Label/Panel Assembly, WDP325	633.00
191163	Label/Panel Assembly, WDP345	633.00
190896	Label/Panel assembly, WDT300	458.00
190897	Label/Panel assembly, WDT310	742.00
190891	Label/Panel assembly, WEC	814.00
190854	Label/Panel assembly, WNI310	1,868.00
190800	Label/Panel assembly, WPH310	600.00
191159	Label/Panel Assembly, WPH315	600.00
190852	Label/Panel assembly, WPH320	600.00
191160	Label/Panel Assembly, WPH325	600.00
191154	Label/Panel Assy, WBL310	528.00
191394	Label/Panel Assy, WBL400-N	528.00
191449	Label/Panel Assy, WBL400-U	733.00

<b>Part No.</b>	<b>Description</b>	<b>Price</b>
191395	Label/Panel Assy, WBL410-N	528.00
191450	Label/Panel Assy, WBL410-U	733.00
191398	Label/Panel Assy, WCM400-N	528.00
191453	Label/Panel Assy, WCM400-U	733.00
191102	Label/Panel Assy, WCT300-N (if serial no. is 020730xxxx or higher)	458.00
191392	Label/Panel Assy, WCT400-N	458.00
191447	Label/Panel Assy, WCT400-U	663.00
191393	Label/Panel Assy, WCT410-N	764.00
191444	Label/Panel Assy, WCT410-U	969.00
191407	Label/Panel Assy, WCU410-N	1,868.00
191462	Label/Panel Assy, WCU410-U	2,073.00
191396	Label/Panel Assy, WDB400-N	528.00
191451	Label/Panel Assy, WDB400-U	733.00
191399	Label/Panel Assy, WDC400-N	528.00
191454	Label/Panel Assy, WDC400-U	733.00
191406	Label/Panel Assy, WDIS410-N	738.00
191461	Label/Panel Assy, WDIS410-U	943.00
191404	Label/Panel Assy, WDP440-N	600.00
191459	Label/Panel Assy, WDP440-U	804.00
191409	Label/Panel Assy, WDT400-N	458.00
191464	Label/Panel Assy, WDT400-U	663.00
191397	Label/Panel Assy, WDT410-N	742.00
191452	Label/Panel Assy, WDT410-U	947.00
191405	Label/Panel Assy, WEC/WDEC410-N	814.00
191460	Label/Panel Assy, WEC/WDEC410-U	1,019.00
191408	Label/Panel Assy, WNI410-N	1,868.00
191463	Label/Panel Assy, WNI410-U	2,073.00
191455	Label/Panel Assy, WPH/DP410-U	804.00
191456	Label/Panel Assy, WPH/DP420-U	804.00
191400	Label/Panel Assy, WPH/WDP410-N	600.00
191401	Label/Panel Assy, WPH/WDP420-N	600.00
190964-3	Level switch, 3 ft. maximum depth	135.00
190964-5	Level switch, 5 ft. maximum depth	145.00
101661	Lithium Battery, W-150/250 Series	15.00
191349	Manifold, disinfection sensor	473.00
191009	Manifold, Flow Switch, Contacting Conductivity + Dual pH/ORP	345.00
191090	Manifold, Flow Switch, Contacting Conductivity + Dual pH/ORP, high press.	1,262.00
191189	Manifold, Flow Switch, Contacting Conductivity, high pressure	573.00
191024	Manifold, Flow Switch, Electrodeless Cond. + Dual pH/OR	345.00
191024	Manifold, Flow Switch, Electrodeless Cond. + Dual pH/ORP	345.00
191022	Manifold, Flow Switch, Electrodeless Conductivity	213.00
191023	Manifold, Flow Switch, Electrodeless Conductivity + pH/ORP	275.00
191371	Manifold, High pressure pH or ORP	804.00
191373	Manifold, High pressure pH or ORP on Polypro panel	885.00
191372	Manifold, Two high pressure pH or ORP	1,200.00
191375	Manifold, Two high pressure pH or ORP on Polypro panel	1,281.00
191374	Manifold, Two low pressure pH or ORP on Polypro panel	372.00
103462	Membrane Cap, Chlorine Dioxide and Peracetic Acid	118.00
103463	Membrane Cap, Free Chlorine/Bromine	87.00
103712	Membrane Cap, Free Chlorine/Bromine, ext. pH range, and Total Chlorine	118.00
103498	Membrane Cap, Ozone	139.00
191052	Memory Module	146.00

<b>Part No.</b>	<b>Description</b>	<b>Price</b>
191084	Memory Module	146.00
191124	Memory module, WGI	146.00
103269	Modbus upgrade code	489.00
191044	Modem Card	445.00
102448	Motorized ball valve, boiler, 1/2", 120V	1,085.00
102450	Motorized ball valve, boiler, 1", 120V	1,185.00
102449	Motorized ball valve, boiler, 3/4", 120V	1,145.00
103205	Networking "Master" upgrade code	206.00
103270	Networking "Master" upgrade code	515.00
103019	Null modem cable	17.00
190744	Option Board, 4-20 mA, W300 series	114.00
191383	Option Board, 4-20mA Output, W400 Series	114.00
190820	Option board, dual input, WDX300 series	402.00
190809	Option board, pH, WNI series	689.00
191385	Option Board, pH/ORP, WDT410 Series	402.00
191384	Option Board, Conductivity, WDT400, WDB/WDC400 Series	402.00
102224	Orifice union, boiler, 1/2", w/4 plates	252.00
102226	Orifice union, boiler, 1", w/4 plates	311.00
102225	Orifice union, boiler, 3/4", w/4 plates	277.00
102594	O-Ring, FKM, for low pressure sensor mounting	6.70
102919	O-ring, float retaining, for nut mount flow switch	2.40
103422	O-Ring, Washer	1.10
51373	ORP calibration kit	110.00
WFP050	Paddlewheel w/ 1/2" mounting tee	483.00
WFP075	Paddlewheel w/ 3/4" mounting tee	489.00
WFP100	Paddlewheel w/ 1" mounting tee	489.00
WFP150	Paddlewheel w/ 1.5" mounting tee	489.00
WFP200	Paddlewheel w/ 2" mounting tee	501.00
WFP300	Paddlewheel w/ 3" mounting saddle	526.00
WFP400	Paddlewheel w/ 4" mounting saddle	600.00
WFP600	Paddlewheel w/ 6" mounting saddle	658.00
190810	pH electrode mounting adapter, 3/4"	47.00
190858	pH mounting adapter, 1 1/4" tee to 3/8" tubing	84.00
102943	Pigtail, 120VAC	5.40
191316	Power Supply - I/O Board, WA500	236.00
190754	Power Supply Board w/Fuse, WCT300, 120V	172.00
190756	Power Supply Board w/Fuse, WCT300, 240V	172.00
190753	Power Supply Board w/Fuse, WCT310, 120V	384.00
190755	Power Supply Board w/Fuse, WCT310, 240V	384.00
190904	Power Supply Board w/Fuse, WDT300, 120V	384.00
190905	Power Supply Board w/Fuse, WDT300, 240V	384.00
190906	Power Supply Board w/Fuse, WDT310, 120V	384.00
190907	Power Supply Board w/Fuse, WDT310, 240V	384.00
190803	Power Supply Board w/fuse, WNI/WCU310, 120V	384.00
190804	Power Supply Board w/fuse, WNI/WCU310, 240V	384.00
190805	Power Supply Board, 120 V, on/off, WPH310	384.00
190806	Power Supply Board, 120 V, proportional, WPH320, WDP320	413.00
191013	Power Supply Board, 120 V, WDP 320	413.00
190908	Power Supply Board, 120 V, WDP310	373.00
190910	Power Supply Board, 120 V, WDP340	434.00
191344	Power Supply Board, 120V, WDIS310	373.00
190807	Power Supply Board, 240 V, on/off, WPH310	384.00

<b>Part No.</b>	<b>Description</b>	<b>Price</b>
190808	Power Supply Board, 240 V, proportional, WPH310	413.00
191014	Power Supply Board, 240 V, WDP 320	413.00
190909	Power Supply Board, 240 V, WDP310	373.00
190911	Power Supply Board, 240 V, WDP340	434.00
191345	Power Supply Board, 240V, WDIS310	373.00
190619	Power Supply Board, W-251-pH/ORP	423.00
190620	Power Supply Board, W-252-pH/ORP	460.00
190628	Power Supply Board, W-261-pH/ORP	423.00
190627	Power Supply Board, W-262-pH/ORP	423.00
190980	Power Supply Board, WBL300, 120V	172.00
190981	Power Supply Board, WBL300, 240V	172.00
191155	Power Supply Board, WBL310, 120V	172.00
191156	Power Supply Board, WBL310, 240V	172.00
190982	Power Supply Board, WCM300, 120V	172.00
190983	Power Supply Board, WCM300, 240V	172.00
190900	Power Supply Board, WDB300, 120V	384.00
190901	Power Supply Board, WDB300, 240V	384.00
190902	Power Supply Board, WDC300, 120V	384.00
190903	Power Supply Board, WDC300, 240V	384.00
191168	Power Supply Board, WDP315, 120V	373.00
191169	Power Supply Board, WDP315, 240V	373.00
191170	Power Supply Board, WDP325, 120V	413.00
191171	Power Supply Board, WDP325, 240V	413.00
191172	Power Supply Board, WDP345, 120V	434.00
191173	Power Supply Board, WDP345, 240V	434.00
190912	Power Supply Board, WEC, 120 V	384.00
190913	Power Supply Board, WEC, 240 V	384.00
191164	Power Supply Board, WPH315, 120V	384.00
191165	Power Supply Board, WPH315, 240V	384.00
191166	Power Supply Board, WPH325, 120V	413.00
191167	Power Supply Board, WPH325, 240V	413.00
191046	Power Supply, W700	152.00
191294	Power Supply, W800	152.00
191438	Power/Relay Board, WBL400	172.00
191434	Power/Relay Board, WBL410	384.00
191439	Power/Relay Board, WCM400	172.00
191387	Power/Relay Board, WCT400	172.00
191435	Power/Relay Board, WCU410	384.00
191432	Power/Relay Board, WDB400	384.00
191433	Power/Relay Board, WDC400	384.00
191391	Power/Relay Board, WDP440	434.00
191431	Power/Relay Board, WDT400	384.00
191430	Power/Relay Board, WDT410	384.00
191429	Power/Relay Board, WEC/WDEC/WDP410	384.00
191436	Power/Relay Board, WNI410	384.00
191437	Power/Relay Board, WNI411	384.00
191389	Power/Relay Board, WPH/WDIS410	384.00
191390	Power/Relay Board, WPH/WDP420	413.00
191386	Power/Relay Board, WCT410	384.00
190783	Preamplifier assembly, high pressure pH/ORP	173.00
190829	Preamplifier, pH/ORP with BNC (for W-250/260 series)	193.00
102710	Preamplifier/ pH/ORP, battery powered for W-130/230 series	205.00

<b>Part No.</b>	<b>Description</b>	<b>Price</b>
191314	Process Monitor Board, WA500	541.00
190865	Processor board, all W-250-ORP	364.00
190864	Processor board, all W-250-pH	364.00
190867	Processor board, all W-260-ORP	364.00
190866	Processor board, all W-260-pH	364.00
51372	Quinhydrone, 20 grams	77.00
102442	Reducing bushing, 1/2" x 3/4", for use with 190810 adapter	5.00
102922	Reducing bushing, 2" x 3/4" NPT	8.50
190914	Reed switch for 190770-10 flow switch, 10 ft. cable	101.00
190998	Reed switch, for nut mount manifold	70.00
191081	Relay Card, 4 powered blowdown, 4 dry alarm/feed	264.00
191048	Relay Card, 6 powered, dry contact alarm/bleed	264.00
191047	Relay Card, 7 powered, dry contact alarm	264.00
191080	Relay Card, 8 powered	264.00
191122	Relay Card, 8 powered, WGI	264.00
103319	Ribbon Cable	21.00
103519	Rotameter	140.00
CPI-244	Sample pump, bellows, 120 V, 60 Hz	315.00
CPI-245	Sample pump, bellows, 240 V, 50 Hz	315.00
190921	Sample System, 120 VAC, 60 Hz (includes nickel & pH sensors)	4,148.00
190922	Sample System, 240 VAC, 50 Hz (includes nickel & pH sensors)	4,148.00
102540	Sample tubing, flow through sensor, WCU/WNI series	0.53/ft
103056	Sample Valve, high pressure	40.00
102387	Sample Valve, low pressure	39.00
191045	Sensor Input Card	218.00
191086	Sensor Signal Conditioning Card, for 190768 electrode	110.00
191362	Sensor, Chlorine Dioxide, 20 ft. cable	1,484.00
WCDB-20	Sensor, Chlorine Dioxide, Flow Cell, 20 ft. cable	1,557.00
191280	Sensor, Chlorine Dioxide, no cable	1,449.00
WFCXB-20	Sensor, Chlorine/Bromine, ext. pH range, Flow Cell, 20 ft. cable	1,557.00
WFCB-20	Sensor, Chlorine/Bromine, Flow Cell, 20 ft. cable	1,344.00
191198	Sensor, Contacting, PP/graphite, 20 ft. cable, in-line or submersion	227.00
191200	Sensor, Contacting, PP/stainless, 20 ft. cable, in-line or submersion	281.00
191364	Sensor, Econd, 0.1 - 1 mS/cm, 20 ft. cable, in-line w/mtg adapter, Active, CPVC	593.00
191367	Sensor, Econd, 0.1 - 1 mS/cm, 20 ft. cable, in-line w/mtg adapter, Active, PEEK	1,173.00
191190-05	Sensor, Econd, 0.1 - 1 mS/cm, 5 ft. cable, no tee, no mtg adapter, Active, CPVC	468.00
191368	Sensor, Econd, 1 - 10 mS/cm, 20 ft. cable, in-line w/mtg adapter, Active, PEEK	1,173.00
190988	Sensor, Econd, 1 - 10 mS/cm, 20 ft. cable, no tee, no mtg adapter, Active, CPVC	468.00
191365	Sensor, Econd, 10 - 100 mS/cm, 20 ft. cable, in-line w/mtg adapter, Active, CPVC	593.00
191369	Sensor, Econd, 10 - 100 mS/cm, 20 ft. cable, in-line w/mtg adapter, Active, PEEK	1,173.00
191108	Sensor, Econd, 10 - 100 mS/cm, 20 ft. cable, no tee, no mtg adapter, Active, CPVC	468.00
191108-05	Sensor, Econd, 10 - 100 mS/cm, 5 ft. cable, no tee, no mtg adapter, Active, CPVC	468.00
191366	Sensor, Econd, 100 - 1000 mS/cm, 20 ft. cable, in-line w/mtg adapter, Active, CPVC	593.00
191370	Sensor, Econd, 100 - 1000 mS/cm, 20 ft. cable, in-line w/mtg adapter, Active, PEEK	1,173.00
191113-05	Sensor, Econd, 100 - 1000 mS/cm, 5 ft. cable, no tee, no mtg adapter, Active, CPVC	468.00
191113	Sensor, Econd, 1000 mS/cm, 20 ft. cable, no tee, no mtg adapter, Active, CPVC	468.00
190954	Sensor, Econd, 20 ft. cable, passive, CPVC	288.00
191145	Sensor, Econd, 20 ft. cable, Passive, PEEK	828.00
102730	Sensor, Econd, no mtg adapter, Passive, PEEK (donut shape)	1,403.00
190785	Sensor, flow through, copper, WCU series	792.00
190784	Sensor, flow through, nickel, WNI series	792.00
191361	Sensor, Free Chlorine/Bromine, 20 ft. cable	1,271.00

<b>Part No.</b>	<b>Description</b>	<b>Price</b>
191300	Sensor, Free Chlorine/Bromine, no cable	1,236.00
190787	Sensor, immersible, copper, WCU series	1,251.00
191363	Sensor, Ozone, 20 ft. cable	1,904.00
WOZB-20	Sensor, Ozone, Flow Cell, 20 ft. cable	1,977.00
191320	Sensor, Ozone, no cable	1,869.00
191350	Sensor, Peracetic acid, 2000ppm, 20 ft. cable, no flow cell	1,701.00
WPAB-20	Sensor, Peracetic Acid, Flow Cell, 20 ft. cable	1,775.00
191338	Sensor, Peracetic Acid, no cable	1,666.00
102571	Solenoid valve, boiler, 1/2", 0-100 psi, 120V	405.00
102219	Solenoid valve, boiler, 1/2", 100-300 psi, 120V	565.00
102572	Solenoid valve, boiler, 3/4", 0-100 psi, 120V	414.00
102220	Solenoid valve, boiler, 3/4", 100-300 psi, 120V	657.00
102014	Solenoid valve, cooling tower, 1/2"	195.00
102012	Solenoid valve, cooling tower, 1"	392.00
102013	Solenoid valve, cooling tower, 3/4"	228.00
190919	Submersion adapter, CPVC, for 102730 PEEK sensor	35.00
102999	Submersion mounting adapter, 316SS, for 102730 PEEK sensor	344.00
191020	Switch & Float assembly	118.00
102962	Switch, flow switch manifold, high pressure	373.00
102804	Tee, 1 1/4", CPVC	17.00
102602	Tee, 1 1/4", PVC	13.50
102884	Tee, 3/4" threaded, for 190986 or WEL electrode	35.00
102921	Tee, 2" NPTF, PVC	35.00
190915	Test lead kit, WEC	1.20
WTCB-20	Total Chlorine Sensor, Flow cell, 20 ft. cable	1,680.00
191492	Total Chlorine Sensor, no cable	1,572.00
191499	Total Chlorine, 20 ft. cable, no mounting hardware	1,607.00
102495	Tubing union, WCU/WNI series	5.00
102452	Valve, ball, 1/2", NPT	239.00
102454	Valve, ball, 1", NPT	392.00
102453	Valve, ball, 3/4", NPT	295.00
190833	Valve, flow control, boiler, 1/2", 150 psi	533.00
190834	Valve, flow control, boiler, 1/2", 300 psi	775.00
190831	Valve, flow control, boiler, 3/4", 150 psi	615.00
190832	Valve, flow control, boiler, 3/4", 300 psi	889.00
102569	Valve, needle, 1/2" NPT, PP	160.00
103419	Washer Set	30.00
WFM072-0	Water meter contactor, 3/4"	224.00
WFM151	Water meter contactor, 1 1/2"	557.00
WFM102-0	Water meter contactor, 1"	299.00
WFM152-0	Water meter contactor, 1.5"	557.00
WFM101	Water meter contactor, 1"	300.00
WFM202-0	Water meter contactor, 2"	696.00
WFM201	Water meter contactor, 2"	696.00
WFM071	Water meter contactor, 3/4"	224.00

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