

JENCO



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Models	6309PDT Analyzer	6309POT Analyzer	6311 Analyzer	6308PT Analyzer
Parameters	pH, DO., Temp.	pH, ORP, Temp.	pH, ORP, Temp.	pH, Temp
Features	<ul style="list-style-type: none"> • 5 programmable relays • Large graphical LCD for easy of use • Multi-parameter display • Programmable outputs • Waterproof (IP65) • Uninterrupted operation during calibration • Displays probe efficiency • Password protection • Auto end point sensing • CE approved 	<ul style="list-style-type: none"> • 5 programmable relays • Absolute and relative ORP • Large graphical LCD for easy of use • Multi-parameter display • Programmable outputs • Waterproof (IP65) • Uninterrupted operation during calibration • Displays probe efficiency • Password protection • Auto end point sensing • CE approved 	<ul style="list-style-type: none"> • 4 programmable relays • 1 wash relay • Absolute and relative ORP • Large LCD for easy of use • User selectable pH or ORP • Programmable outputs • Waterproof (IP65) • Uninterrupted operation during calibration • Displays probe efficiency • Password protection • Auto end point sensing 	<ul style="list-style-type: none"> • 5 programmable relays • Large graphical LCD for easy of use • Programmable outputs • Waterproof (IP65) • Uninterrupted operation during calibration • Displays probe efficiency • Password protection • Auto end point sensing • CE approved
Outputs	<ul style="list-style-type: none"> • 2 relays for pH • 2 relays for D.O. • 1 relays for temp • Isolated 4-20 mA Output • RS-485 computer interface 	<ul style="list-style-type: none"> • 2 relays for pH • 2 relays for ORP • 1 relays for temp. • Isolated 4-20 mA Output • RS-485 computer interface 	<ul style="list-style-type: none"> • 2 relays for pH • 2 relays for ORP • 1 relays for cleaning probes • Isolated 4-20 mA Output • RS-485 computer interface 	<ul style="list-style-type: none"> • 4 relays for pH • 1 relays for temp. • Isolated 4-20 mA Output • RS-485 computer interface
Connectors	Teflon terminal block for pH,D.O. & temp.	Teflon terminal block for pH,ORP & temp.	Teflon terminal block for pH,ORP & temp.	Teflon terminal block for pH & temp.
Range	pH: -2.00 ~ 16.00 D.O.: 0.0 ~ 500.0 % D.O.: 0.0 ~ 40.0 ppm Temp: -5.0 ~ 120 °C	pH: -2.00 ~ 16.00 ORP: -2500 ~ 2500 mV Temp: -5.0 ~ 120.0 °C	pH.: -2.00 ~ 16.00 mV: -2500 ~ 2500 mV Temp: -10.0 ~120.0 °C	pH.: -2.00 ~ 16.00 Temp: -10.0 ~ 120.0 °C
Resolution	pH: 0.01 pH D.O.: 0.1 % D.O.: 0.1 ppm Temp: 0.1 °C	pH: 0.01 pH ORP: 1 mV Temp: 0.1 °C	pH: 0.01 pH ORP: 1 mV Temp: 0.1 °C	pH: 0.01 pH Temp: 0.1 °C
Accuracy	pH: ± 0.01pH ± 1 LSD D.O.: ±0.2% ± 1 LSD D.O.: ±0.1% ± 1 LSD Temp: ± 0.3 °C ± 1 LSD	pH: ±0.01pH ± 1 LSD ORP: ±0.1% of span Temp: ±0.3 °C	pH: ±0.1% ± 1 LSD ORP: ±0.1% ± 1 LSD Temp: ± 0.2 °C	pH: ±0.01pH ± 1 LSD Temp: ±0.3 °C
Parameter Specific Specifications & Other Features	<ul style="list-style-type: none"> • > 10¹³ Input impedance • Salinity compensation: 0.0~40.0 ppt • Pressure compensation: 640 ~ 1100 mBar • Displays D.O. in % & ppm • Auto/Manual temperature compensation 	<ul style="list-style-type: none"> • > 10¹³ Input impedance • Auto/Manual temperature compensation 	<ul style="list-style-type: none"> • > 10¹³ Input impedance • Auto/Manual temperature compensation 	<ul style="list-style-type: none"> • > 10¹³ Input impedance • Auto/Manual temperature compensation
Dimensions	1/4 DIN, 148 D mm	1/4 DIN, 148 D mm	1/4 DIN, 148 D mm	1/4 DIN, 148 D mm
Options				



6308OT Analyzer	6308CT Analyzer	6308DT Analyzer	3679 Controller	3675/3676/3672 Controller
ORP,Temp.	Cond., Temp.	D.O., Temp.	pH, ORP	pH, ORP
<ul style="list-style-type: none"> • 5 programmable relays • Absolute and relative ORP • Large graphical LCD for easy of use • Programmable outputs • Waterproof (IP65) • Uninterrupted operation during calibration • Displays probe efficiency • Password protection • Auto end point sensing • CE approved 	<ul style="list-style-type: none"> • 3 programmable relays • Selectable K=0.01, 1 & 10 • 4-wire / 2-wire • Large graphical LCD for easy of use • Programmable outputs • Waterproof (IP65) • Uninterrupted operation during calibration • Password protection • CE approved 	<ul style="list-style-type: none"> • 5 programmable relays • Large graphical LCD for easy of use • Programmable outputs • Waterproof (IP65) • Uninterrupted operation during calibration • Password protection • CE approved 	<ul style="list-style-type: none"> • Large LCD display • Water & corrosion proof • ORP zero point calibration • Auto temp. compensation • Dual relays • Isolated current output • DIP switch operation 	<ul style="list-style-type: none"> • Large LCD or LED display • ORP zero point calibration • Auto temp. compensation • Dual relays • Isolated current output • DIP switch operation
<ul style="list-style-type: none"> • 4 relays for pH or D.O. • 1 relays for temp • Isolated 4-20 mA output • RS-485 computer interface 	<ul style="list-style-type: none"> • 2 relays for conductivity • 1 relays for temp • Isolated 4-20 mA output • RS-485 computer interface 	<ul style="list-style-type: none"> • 4 relays for D.O. • 1 relays for temp • Isolated 4-20 mA output • RS-485 computer interface 	<ul style="list-style-type: none"> • 2 relays for pH or ORP • Isonated 4-20 mA output 	<ul style="list-style-type: none"> • 2 relays for pH or ORP • Isonated 4-20 mA output
Teflon terminal block for ORP & temp.	Teflon terminal block for Cond. & temp.	Teflon terminal block for D.O. & temp.	Teflon terminal block for pH, ORP & temp.	Teflon terminal block for pH, ORP & temp.
ORP,abs.: -2500 ~ 2500 mV ORP,rel.: -6499 ~ 6499 mV Temp: -10.0 ~ 120.0 °C	Cond.: 0.000 uS to 300 mS TDS: 0.000 ~ 150.0 ppm Temp: -10.0 ~ 120.0 °C	D.O.:0.0 ~ 500.0% D.O.:0.0 ~ 40.0 ppm Temp: -10.0 ~ 120.0 °C	pH: 0.00 ~ 14.00 pH mV: -1999 ~ 1999 mV	pH: 0.00 ~ 14.00 pH mV: -1999 ~ 1999 mV
ORP,abs.: 1 mV ORP,rel.: 1 mV Temp: 0.1 °C	Cond.: 0.001 uS ~ 0.1 mS TDS: 0.001 ppm ~ 0.1 ppt Temp: 0.1 °C	D.O.: 0.1% D.O.: 0.1 ppm Temp: 0.1 °C	pH.: 0.01 pH mV: 1 mV	pH.: 0.01 pH mV: 1 mV
ORP,abs.:±0.1% rdg ±1 mV ORP,rel.:±0.1% rdg ±1 mV Temp: ±0.3 °C	Cond.: 0.3% ± 1 LSD TDS: 0.5% ± 1 LSD Temp: ±0.3 °C	D.O.:±0.2% ± 1 LSD D.O.:±0.1% ± 1 LSD Temp: ± 0.3 °C	pH: ±0.05 pH mV: ±0.5% Full Scale	pH: ± 0.01 pH ± 1 LSD mV: ±0.1% Full Scale ± 1 LSD
<ul style="list-style-type: none"> • > 10¹³ input impedance • Auto/manual temperature compensation 	<ul style="list-style-type: none"> • Temperature Coefficient: 0.1 ~4.0 % • Reference Temperature: 15.0 ~ 15.0 °C • Auto/manual temperature compensation 	<ul style="list-style-type: none"> • Salinity compensation: 0.0 ~ 40.0 ppt • Pressure compensation: 640 ~1100 mBar • Displays D.O. in % & ppm • Auto/manual temperature compensation 	<ul style="list-style-type: none"> • > 10¹³ Input impedance • Temp. compensation range: 0 to 100 °C 	<ul style="list-style-type: none"> • > 10¹² Input impedance • Temp. compensation range: 0 to 100 °C
1/4 DIN, 148 D mm	1/4 DIN, 148 D mm	1/4 DIN, 148 D mm	1/4 DIN, 148 D mm	1/4 DIN, 119 D mm
				<ul style="list-style-type: none"> • Bright LED (3676) • Front panel adjustable span & hi/low control (3672)



Models	3671 Controller	3101/3101S Controller	6715 Controller	691N Transmitter
Parameters	pH, ORP., Temp.	Cond.	pH, ORP	pH
Features	<ul style="list-style-type: none"> pH or ORP selectable via internal switch Dual relays 0.56" high efficiency red LED display Voltage output Low power consumption Reduced internal heating for increased reliability Heat cycled 100 hrs Front panel operation 50/60 Hz noise rejection 	<ul style="list-style-type: none"> Wide, Selectable range via internal switch Dual relays 0.56" high efficiency red LED display For cell constant k=1.0 Analog voltage output Auto temp. compensation Heat cycled 100 hrs Front panel operation 50/60 Hz noise rejection 	<ul style="list-style-type: none"> Large, dual parameter LCD Dual relays Auto temp. compensation Brackets for easy wall installation Easy operation 	<ul style="list-style-type: none"> Current output with selectable span for better accuracy Manual temp. compensation 0.56" high efficiency red LED display Low power consumption Reduced internal heating for increased reliability Heat cycled 100 hrs
Outputs	<ul style="list-style-type: none"> 2 relays for pH or ORP Analog output: 10 mV per LSD output 	<ul style="list-style-type: none"> 2 relays for conductivity 1 mV per LSD output 	<ul style="list-style-type: none"> 1 relay for pH 1 relay for ORP 	<ul style="list-style-type: none"> Isolated 4-20 mA output span of 0 to 14 pH over any 2 pH
Connectors	BNC for pH BNC for ORP Mini audio plug for temp.	Terminal block for cond. and temp.	BNC for pH BNC for mV ??? for temperature	BNC for pH
Range	pH: 0.0 ~ 14.0 ORP: -1990 ~ 1990 mV Temp: 0 ~ 100 °C	Cond.: 0 ~ 200 mS (3101 only) 0 ~ 99.9 mS 0 ~ 9.99 mS 0 ~ 999 uS 0 ~ 99.9 uS (3101S only)	pH: 0.00 ~ 14.00 pH ORP: -1999 ~ 1999 mV Temp: 5 ~ 45 °C	pH: 0.00 ~ 14.00 pH
Resolution	pH: 0.1 pH ORP: 10 mV Temp: 1 °C	Cond.: 1 mS (3101 only) 0.1 mS 0.01 mS 1 uS 0.1 uS (3101S only)	pH: 0.01pH ORP: 1 mV	pH: 0.01 pH
Accuracy	pH: ±0.1 pH ± 1 LSD ORP: ±0.1% ± 1 LSD Temp: ±1 °C ± 1 LSD	Cond.: ±1 % FS ± 1 LSD	pH: ±0.02 % ± 1 LSD ORP: ±0.05% FS ± 1 LSD	pH: ±0.02 pH ± 1 LSD
Parameter Specific Specifications & Other Features	<ul style="list-style-type: none"> > 10¹² input impedance Temp. compnsation range: 0 ~ 100 °C 	<ul style="list-style-type: none"> Temp. compensation range: 5 ~ 55 °C 	<ul style="list-style-type: none"> > 10¹² input impedance 	<ul style="list-style-type: none"> > 10¹² input impedance
Dimensions	1/8 DIN, 157 D mm	1/8 DIN, 157 D mm	157 W x 170 L x 54 D mm	1/8 DIN, 160 D mm
Options			<ul style="list-style-type: none"> With DIP switch controls (6715-01) Only pH Relays(6715-pH) 	



692 Transmitter	695/693 pH Transmitter	695/693 ORP Transmitter	392 Transmitter	676 Monitor
pH	pH	ORP	Cond.	pH, ORP
<ul style="list-style-type: none"> Current output with selectable span for better accuracy Auto temp. compensation 0.56" high efficiency red LED display Low power consumption Reduced internal heating for increased reliability Heat cycled 100 hrs 	<ul style="list-style-type: none"> Water and corrosion resistant (NEMA 4X) High accuracy Auto/manual temperature compensation 2 wire, isolated input output Current output Large LCD display 	<ul style="list-style-type: none"> Water and corrosion resistant (NEMA 4X) High accuracy Auto/manual temperature compensation 2 wire, isolated input output Current output Large LCD display 	<ul style="list-style-type: none"> Wide, Selectable range via internal switch 0.56" LCD display For cell constant k=1.0 Adjustable zero current output mS display Auto temp. compensation 50/60 Hz noise rejection 	<ul style="list-style-type: none"> Low cost Selectable pH or ORP Analog voltage output Auto temp. compensation 50/60 Hz noise rejection
<ul style="list-style-type: none"> Isolated 4-20 mA output 	<ul style="list-style-type: none"> Isolated 4-20 mA output span of 0 to 14 pH or over any 1 pH (695 only, 693 is with fixed span) 	<ul style="list-style-type: none"> Isolated 4-20 mA output span of 0 to 1400 mA or over any 100 mV (695 only, 693 is with fixed span) 	<ul style="list-style-type: none"> Isolated 4-20 mA output 	<ul style="list-style-type: none"> pH: 0-1400 mV mV: -1999 to 1999 mV
BNC for pH Terminal block for temp.	BNC for pH Terminal block for temp.	BNC for ORP	Wire for Cond.	Terminal block for pH Terminal block for temp.
pH: 0.00 ~ 14.00 pH	pH: 0.00 ~ 14.00 pH	ORP: -700 ~ 700 mV	Cond.: 0 to 19.99 uS, 0 ~ 199.9 uS 0 to 1999 uS, 0 ~ 1.999 mS 0 to 19.00 mS, 0 ~ 199.9 mS	pH: 0.0 ~ 14.0 pH mV: -1999 ~ 1999 mV
pH: 0.01 pH	pH: 0.01 pH	ORP: 1.0 mV	Cond.: 0.01 uS, 0.1 uS 1.0 uS, 0.001 mS 0.01 mS, 0.1 mS	pH.: 0.1 pH mV: 1 mV
pH: ±0.02 pH ± 1 LSD	pH: ±0.02 pH ± 1 LSD	ORP: ±1.0 mV ± 1 LSD	Cond.: ±5% FS	pH: ±0.01 pH ± 1 LSD ORP: ±0.1% mV ± 1 LSD
<ul style="list-style-type: none"> > 10¹² input impedance Temp. compensation range: 0 ~ 100 °C 	<ul style="list-style-type: none"> > 10¹² input impedance Temp. compensation range: 0 ~ 100 °C 	<ul style="list-style-type: none"> > 10¹² input impedance Temp. compensation range: 0 ~ 100 °C 	<ul style="list-style-type: none"> Temp. compensation range: 5 ~ 55 °C 	<ul style="list-style-type: none"> > 10¹³ input impedance Temp. compensation range: 0 ~ 100 °C
1/8 DIN, 160 D mm	75 W x 125 L x 100 D mm	75 W x 125 L x 100 D mm	1/8 DIN, 157 D mm	1/8 DIN, 104 D mm
	<ul style="list-style-type: none"> Without display and fixed span (693 pH) 	<ul style="list-style-type: none"> Without display and fixed span (693 ORP) 		



Models	6173 Meter	6171 / 6230 Meters	6219 / 6250 Meters	6307 / 6350 Meters
Parameters	pH, mV, Temp.	pH, mV, Temp.	pH, mV, Ion, Temp.	pH, Cond., Salinity, Temp.
Features	<ul style="list-style-type: none"> • Large LCD display • Power down memory backup • RS-232 computer interface • Splash and dust resistant • Auto buffer recognition of 6 buffers • Auto end point sensing/hold • Auto Temp. compensation • Displays electrode efficiency • CE approved 	<ul style="list-style-type: none"> • Power down memory backup • RS-232 computer interface • Electrode slope recognition • Electrode offset recognition • Auto/manual temp. compensation • Splash resistant • Auto buffer recognition • Auto end point sensing/hold • CE approved 	<ul style="list-style-type: none"> • Programmable resolution • Direct readouts in ion concentration • Power down memory backup • Auto/manual temperature compensation • Electrode offset recognition • Splash resistant case • Auto buffer recognition • Battery or AC adaptor • Auto end point sensing/hold • CE approved 	<ul style="list-style-type: none"> • High accuracy: 0.1% saturation & concentration • Pressure & salinity compensation • Selectable cond. range • Mutil-parameter display • Power down memory backup • Auto/manual temperature compensation • Splash resistant case • 50 data point store • Auto buffer recognition • CE approved
Outputs	<ul style="list-style-type: none"> • RS-232 computer interface 	<ul style="list-style-type: none"> • RS-232 computer interface 	<ul style="list-style-type: none"> • RS-232 computer interface 	<ul style="list-style-type: none"> • RS-232 computer interface
Connectors	BNC for pH BNC for mV 8 DIN connector for temp.	BNC for pH BNC for mV 8 DIN connector for temp.	BNC for pH BNC for mV BNC for ion 8 DIN connector for temp.	BNC for pH 8 DIN connector for cond. 8 DIN connector for temp.
Range	pH: -6.00 ~ 20.00 pH mV: -2000 ~ 2000 mV Temp: -10.0 ~ 120.0 °C	pH: -2.00 ~ 16.00 mV: -1999 ~ 1999 mV Temp: -5.0 ~ 125.0 °C	pH: -2.000 ~ 16.000 pH mV: -1999.9 ~ 1999.9 mV Ion: 0.0 ~ 119.8 conc. Temp: -5.0 to 125.0 °C	pH: -2.00 ~ 16.00 pH Cond.: 0 ~ 99.99 uS, 100 ~ 999.9 uS 1 ~ 9.999 mS, 10 ~ 30.00 mS Salinity: 0.0 ~ 80.0 ppt Temp: -5.0 to 75.0 °C
Resolution	pH: 0.01 pH mV: 1 mV Temp: 0.1 °C	pH: 0.01 pH mV: 1 mV Temp: 0.1 °C	pH: 0.01 / 0.001 pH mV: 1/0.1 mV Ion: 0.05/0.1/0.2 conc. Temp: 0.1 °C	pH: 0.01 pH Cond.: 0.01 uS, 0.1 uS 0.001 mS, 0.01 mS Salinity: 0.1 ppt Temp: 0.1 °C
Accuracy	pH: 0.01 pH ± 1 LSD mV: 0.05 % FS ± 1 LSD Temp: ± 0.5 °C	pH: 0.1 % ± 1 LSD mV: 0.1 % FS ± 1 LSD Temp: ± 0.5 °C	pH: ±0.1% ± 1 LSD mV: ±0.1% ± 1 LSD Ion: ± 2 LSD Temp: ±0.5 °C	pH: ±0.01 pH ± 1 LSD Cond.: ±0.5% FS Salinity: ±1% FS Temp: ±0.1 °C
Parameter Specific Specifications & Other Features	<ul style="list-style-type: none"> • > 10¹³ Input impedance • Temp. compensation range: -10.0 ~ 120.0 °C • Battery or AC adaptor • Battery life: ~50 hrs. • 50/60 Hz noise rejection 	<ul style="list-style-type: none"> • > 10¹³ Input impedance • Temp. compensation range: -5.0 ~ 125.0 °C • Battery or AC adaptor • Battery life: ~50 hrs. • 50/60 Hz noise rejection 	<ul style="list-style-type: none"> • > 10¹³ Input impedance • Temp. compensation range: 15.0 ~ 125.0 °C • Battery or AC adaptor • Battery low indicator • Battery life: ~50 hrs. • 50/60 Hz noise rejection 	<ul style="list-style-type: none"> • Selectable 2 or 4 wire cell • Auto buffer recognition • > 10¹³ Input impedance • Temp. compensation range: -5.0 ~ 75.0 °C • Cond. k=1 • Battery or AC adaptor • Battery low indicator • Battery life: ~50 hrs.
Dimensions	1/4 DIN, 148 L mm	1/4 DIN, 148 L mm	250 W x 240 L x 100 H mm	250 W x 100 H x 240 D mm 83 W x 241 H x 71 D mm
Options		<ul style="list-style-type: none"> • 50 memory store(6230M) • 0.001 resolution(6270) • Voltage output (6171NR) • Without RS-232 (6171L) 	<ul style="list-style-type: none"> • 50 memory store(3250M) 	<ul style="list-style-type: none"> • With mV Reading(6350)



3107 / 3250 Meters	9101 / 9250 Meters	6091 Meter & Recorder	6072 Meter	63 Meter
Cond., Salinity, Temp.	D.O.,Temp.	pH, mV, Temp.	pH, mV, Temp.	pH
<ul style="list-style-type: none"> Selectable 2 or 4 wire cell Adjustable cell constant K=0.1, 1, 10 Selectable cond. range Programmable temp. Power down memory backup Auto/manual temperature compensation Splash resistant case Auto end point sensing/hold CE approved 	<ul style="list-style-type: none"> High accuracy:0.1% saturation & concentration Pressure compensation Salinity compensation Power down memory backup Auto/manual temperature compensation Splash resistant case Auto end point sensing/hold CE approved 	<ul style="list-style-type: none"> Easy to use datalogger intervals or manual print Programmable print intervals or manual print Prints instructions,calendar & error messages Audible high/low alarm Auto/manual temperature compensation Auto buffer recognition Auto end point sensing/hold Electrode offset recognition 	<ul style="list-style-type: none"> Unique portable bench design with large LCD Power down memory backup Analog recorder output Electrode slope recognition Electrode offset recognition Auto/manual temperature compensation Auto buffer recognition Auto end point sensing/hold 	<ul style="list-style-type: none"> Large, Mirrored analog display Manual temp. compensation Manual temp. adjustment UL & CE approved adaptor
<ul style="list-style-type: none"> RS-232 computer interface 	<ul style="list-style-type: none"> RS-232 computer interface 	<ul style="list-style-type: none"> Datalogging printout see other options below 	<ul style="list-style-type: none"> Analog voltage output pH: 0 ~ 1400 mV mV:-1999 ~ 1999 mV 	
<p>8 DIN connector for cond. 8 DIN connector for temp.</p>	<p>8 DIN connector for D.O. 8 DIN connector for temp.</p>	<p>BNC for pH BNC for mV Jenco screw connector for temp.</p>	<p>BNC for pH BNC for mV Jenco screw connector for temp.</p>	<p>BNC for pH</p>
<p>Cond.: Please see detail specifications sheet Salinity: 0.0 ~ 80.0 ppt Temp: -5 ~ 75 °C</p>	<p>D.O.: 0.0 ~ 199.9% D.O.: 0.0 ~ 20.0 mg/L Temp: -6.0 ~46.0 °C</p>	<p>pH.: -2.00 ~ 16.00 mV: -999 ~ 999 mV Temp: 0.0 ~ 99.0 °C</p>	<p>pH.: -2.00 ~ 16.00 mV: -999 ~ 999 Temp: 0.0 ~ 99.0</p>	<p>pH: 0.0 ~ 14.0 pH</p>
<p>Cond.: Please see detail specifications sheet Salinity: 0.1 ppt Temp: 0.1 °C</p>	<p>D.O.:0.1 % D.O.:0.1 mg/L Temp: 0.1 °C</p>	<p>pH: 0.01 pH mV: 1 mV Temp: 0.1 °C</p>	<p>pH: 0.01 pH mV: 1 mV Temp: 0.1 °C</p>	<p>pH: 0.02 pH</p>
<p>Cond.: ±0.5% FS Salinity: ±1% FS Temp: ±0.2 °C</p>	<p>D.O.: ±0.1pH ± 1 LSD D.O.: ±0.1% ± 1 LSD Temp: ± 0.5 °C</p>	<p>pH: ±0.1pH ± 1 LSD mV: ±0.1% ± 1 LSD Temp: ± 0.5 °C</p>	<p>pH: ±0.1% ± 1 LSD mV: ±0.1% ± 1 LSD Temp: ± 0.5 °C</p>	<p>pH: ± 0.05 pH</p>
<ul style="list-style-type: none"> Cond. k=0.1, 1, 10 Battery or AC adaptor Battery low indicator Battery life: ~50 hrs. 50/60 Hz noise rejection 	<ul style="list-style-type: none"> Salinity compensation: 0.0 ~ 40.0 ppt Pressure compensation: 600 ~ 1100 mBar Displays D.O. in % & ppm Battery or AC adaptor Battery low indicator Battery life: ~50 hrs. 50/60 Hz noise rejection 	<ul style="list-style-type: none"> > 10¹² Input impedance Temp. compensation range: 0.0 ~ 99.0 °C Battery or AC adaptor Battery low indicator Rechargeable batteries 50/60 Hz noise rejection 	<ul style="list-style-type: none"> > 10¹² Input impedance Temp. compensation range: 0.0 ~ 99.0 °C Battery or AC adaptor Battery low indicator Battery life: ~50 hrs. 50/60 Hz noise rejection 	<ul style="list-style-type: none"> > 10¹² Input impedance
<p>250 W x 100 H x 240 D mm 83 W x 241 H x 71 D mm</p>	<p>250 W x 100 H x 240 D mm 83 W x 241 H x 71 D mm</p>	<p>250 W x 240 L x 100 H mm</p>	<p>200 W x 63 H x 120 D mm</p>	<p>250 W x 240 L x 100 H mm</p>
<ul style="list-style-type: none"> 50 memory store(3250M) 	<ul style="list-style-type: none"> 50 memory store(9250M) 	<ul style="list-style-type: none"> Voltage output (6091NR) RS-232 (6072NS) Analog voltage output & RS-232 (6072NRS) 		



Models	6301N Controller	3601 Controller	6027 Meter	5005 Meter
Parameters	pH, mV, Temp.	pH, ORP	pH, ORP, Temp.	pH, ORP, Temp.
Features	<ul style="list-style-type: none"> • 2 programmable relays • Absolute and relative ORP • Large graphical LCD for easy of use • Programmable outputs • Power down memory backup • Auto/manual temp. compensation • Splash and dust resistant • Displays probe efficiency • Password protection • Auto end point sensing/hold 	<ul style="list-style-type: none"> • Dual relays • Auto buffer recognition • Auto temp. compensation • Brackets for easy wall installation • CE approved 	<ul style="list-style-type: none"> • Electrode slope recognition • Electrode offset recognition • Power down memory backup • Auto/manual temp. compensation • Splash resistant • Auto buffer recognition • Auto end point sensing/hold 	<ul style="list-style-type: none"> • Analog recorder output • Auto/manual temp. compensation • Rugged case • Tilt stand
Outputs	<ul style="list-style-type: none"> • 2 relays for pH & ORP • Isolated 4-20 mA output • RS-232 computer interface 	<ul style="list-style-type: none"> • 2 relays for pH & ORP 		<ul style="list-style-type: none"> • Analog voltage output pH: 0 ~ 1400 mV mV:-1999 ~ 1999 mV Temp: 0 ~ 1000 mV
Connectors	BNC for pH BNC for mV Banana plug for temp.	BNC for pH BNC for mV Banana plug for temp.	BNC for pH BNC for mV Jenco connector for temp.	BNC for pH BNC for mV Banana plug for temp.
Range	pH: -2.00 to 16.00 ORP,abs.: -2500 ~	pH: 0.00 ~ 14.00 pH ORP:-1999 ~ 1999 mV Temp: 5 ~ 45 °C	pH: -2.00 ~ 16.00 ORP:-1999 ~ 1999 mV Temp: -5.0 ~ 125.0 °C	pH: 0.00 ~ 14.00 pH ORP: -1999 ~ 1999 mV Temp: 0 ~ 100 °C
Resolution	pH: 0.01 pH ORP,abs.: 1 mV ORP,rel.: 1 mV Temp: 0.1 °C	pH: 0.01 pH ORP: 1 mV	pH.: 0.01 pH mV: 1 mV Temp: 0.1 °C	pH: 0.01 pH ORP: 1 mV Temp: 0.1 °C
Accuracy	pH: ± 0.01pH ± 1 LSD ORP,abs.: ±0.1 % rdg ± 1mV ORP,rel.: ±0.1 % rdg ± 1mV Temp: ±0.1 °C ± 1 mV	pH: ±0.02 % ± 1 LSD ORP: ±0.05% FS ± 1 LSD	pH.: ±0.1 pH ± 1 LSD mV: ±0.1 % FS ± 1 LSD Temp: ±0.5 °C	pH: ±0.01 pH ± 1 LSD ORP: ±0.01 % ± 1 LSD Temp: ±0.5 °C ± 1 LSD
Parameter Specific Specifications & Other Features	<ul style="list-style-type: none"> • > 10¹³ Input impedance • Auto buffer recognition • Buffers: 1.68, 4.00, 4.01, 7.00, 9.18, 10.01, & 12.46 • Temp. compensation range: -10.0 ~ 120.0 °C • Battery or AC adaptor • Battery life: ~ 50 hrs. • 50/60 Hz noise rejection 	<ul style="list-style-type: none"> • > 10¹² Input impedance • Temp. compensation range: 0 ~ 100 °C 	<ul style="list-style-type: none"> • > 10¹² Input impedance • Battery operation • Temp. compensation range: -5.0 ~ 125.0 °C 	<ul style="list-style-type: none"> • > 10¹² Input impedance • Battery low indicator • Battery or AC adaptor
Dimensions	250 W x 100 H x 240 D mm	250 W x 100 H x 240 D mm	70 W x 150 L x 30 D mm	95 W x 155 L x 45D mm
Options				



608 / 609 Meters		611 Meter	60 Meter	62 Meter	103 Meter
pH		pH	pH	ORP	Cond.
<ul style="list-style-type: none"> • LED or LCD display • Analog recorder output • High stability • Manual temp. compensation • Rugged case • Power-save mode • UL approved AC adaptor 		<ul style="list-style-type: none"> • Large analog display • High stability • Manual temp. compensation • Rugged case • UL approved AC adaptor 	<ul style="list-style-type: none"> • LCD display • Long 1400 hrs battery life • High stability • Manual temp. compensation • Rugged case 	<ul style="list-style-type: none"> • Zero adjust for ORP • LCD display • Long 1400 hrs battery life • High stability • Rugged case 	<ul style="list-style-type: none"> • LCD display • Conductivity cell adjust • High stability • Rugged case
<ul style="list-style-type: none"> • analog voltage output pH: 0 ~ 1400 mV 					
BNC for pH		BNC for pH	BNC for pH	BNC for ORP	1/5 DIN connector for cond.
pH: 0.00 to 14.00		pH: 2.0 to 12.0	pH.: 0.00 to 14.00 pH	ORP: ±1500	Cond.: 0 ~ 19.99 mS/CM
pH: 0.01 pH		pH: 0.1 pH	pH.: 0.01 pH	ORP: 1 mV	Cond.:0.01 ms/CM
pH: 0.01 pH ± 1 LSD		pH: 0.05 pH ± 1 LSD	pH: 0.01 pH ± 1 LSD	ORP: ±0.01 % rdg ± 1 LSD	Cond.:1 % ± 1 LSD
<ul style="list-style-type: none"> • > 10¹² Input impedance • Temp. compensation range: 0 ~ 100 °C • Battery low indicator • Battery life: ~ 100 hrs. 		<ul style="list-style-type: none"> • > 10¹² Input impedance • Temp. compensation range: 0 ~ 100 °C • Battery low indicator • Battery life: ~ 100 hrs. 	<ul style="list-style-type: none"> • > 10¹² Input impedance • Temp. compensation range: 0 ~ 100 °C • Battery low indicator • Battery life: ~ 1400 hrs. 	<ul style="list-style-type: none"> • > 10¹² Input impedance • Battery low indicator • Battery life: ~ 1400 hrs. 	<ul style="list-style-type: none"> • Reference temp : 25 °C • Temp. coefficient: 2% • Temp. compensation range: 5 ~ 55 °C • Battery low indicator • Battery life: ~ 50 hrs.
92 W x 137 L x 48 D mm		92 W x 137 L x 48 D mm	85 W x 150 L x 38 D mm	85 W x 150 L x 38 D mm	92 W x 137 L x 48 D mm



Models	7002H Meter	701 Meter	110/111/112/113/115 Pen	720 Meter
Parameters	Temp.	Temp.	Cond. or TDS	Temp.
Features	<ul style="list-style-type: none"> Dual temperature input Wide temperature range Cold junction compensated Displays temperature and delta Error indicator °C and °F models J, K, T types thermocouple 	<ul style="list-style-type: none"> Wide temperature range Cold junction compensated Pocket size convenience Easy affixed via magnetic strip °C and °F models J, K, T types thermocouple 	<ul style="list-style-type: none"> Auto temp. compensation 	<ul style="list-style-type: none"> °C and °F models Splash resistant case Battery life: ~ 150 hrs.
Outputs				
Connectors	Miniature T/C connector for temp.	Miniature T/C connector for temp.		Jenco connector for temp.
Range	Thermister dependent: -220 ~ 1768 °C / -341 ~ 2500 °F	Thermister dependent: -50 ~ 700 °C / -50 ~ 1200 °F	110: 10-1990uS 111: 0.1-19.9mS 112: 1-199uS 113: 10-1990mS 115: 0.1-99.9uS Temp.:5.0~55 °C	Temp. °C:160 ~ 850 °C Temp. °F:160 ~ 999 °F
Resolution	Thermister dependent: 1 °C/ 0.2 ~ 1 °F	1 °C or 1 °F	110: 10 ~ 1990 uS 111: 0.1 ~ 19.9 mS 112: 1 ~ 199 uS 113: 10 ~ 1990 ppm 115: 0.0 ~ 99.9 uS	Temp.: 1 °C / 1 °F
Accuracy	Thermister dependent: 0.05 % rdg ± 0.3 ~ 1.0 °C/ 0.05 % rdg ± 0.6 ~ 1.8 °F	± 0.25 % ± 1 LSD	110: 10 ~ 1990 uS 111: 0.1 ~ 19.9 mS 112: 1 ~ 199 uS 113: 10 ~ 1990 ppm 115: 0.0 ~ 99.9 uS	Temp.: ± 0.25 % ± 1 LSD
Parameter Specific Specifications & Other Features	<ul style="list-style-type: none"> Operating temp. range: 0 ~ 50 °C 	<ul style="list-style-type: none"> Operating temp. range 0 ~ 50 °C Battery life: ~ 100 hrs. 	<ul style="list-style-type: none"> Temp. compensation range: 5.0 ~ 55.0 °C 	
Dimensions	70 W x 150 H x 30 D mm.	78 W x 60 H x 15 D mm	32 W x 150 H x 15 D mm	32 W x 150 L x 16 D mm
Options	<ul style="list-style-type: none"> Single thermocouple input (7001) 			

pH/ORP Probes

6000P pH/Ref./temp. epoxy with 4 pin connector. Double junction (**6000ED**).

600P pH/Ref. epoxy with BNC connector. Double junction (**600ED**).

7000E pH/Ref./Temp. glass body refillable with 4 pin connector. Double junction (**7000ED**).

600E-ORP ORP epoxy with BNC connector. Double junction (**600ED-ORP**).



Conductivity Probes

104 Glass body with platinum band, K = 1.0, 5 pin connector.

107 Glass body with platinum band, K = 10, 8 pin connector. K = 1.0 (**106**).

108 Epoxy body with carbon sensor, K = 0.1, 8 pin connector. K = 1.0 (**101**). K = 0.1 (**109**).

392-121 Stainless steel body, 3/4" NPT, K = 1.0. Epoxy body, carbon sensor (**392-120**)



D.O. Probes

900YDOF Dissolved oxygen field probe, watertight, 12ft cable.

900YDOL Dissolved oxygen lab probe, watertight, 12ft cable.



ATC Probes

600A PT-100, 9" glass body, banana plug.

6000A 10k thermister, 9" glass body.

6230A 10k thermister, 9" glass body, 8 pin connector.

6303A 10k thermister, 9" glass body, spade plug.

600A-ST PT-100, 9" stainless steel body, banana plug.

6000A-ST 10k thermister, 9" stainless steel body.

6230A-ST 10k thermister, stainless steel body, 8 pin connector.

6303A-ST 10k thermister, stainless steel body, spade plug.



Thermocouples

7001-1 General purpose thermocouple; Type J, K & T.

7001-2 penetration thermocouple; Type J, K & T.

7001-3 air/gass thermocouple; Type J, K & T.

7001-4 surface thermocouple; Type J, K & T.



Electrode Arms

008 Electrode holder, holds 3 standard size electrodes and 1 ATC probe.

007 Aluminum electrode arm, holds 5 standard size electrodes and 1 ATC probe, always level head, weighted base.

007N Plastic electrode arm, holds 5 standard size electrodes and 1 ATC probe, always level head, weighted base.



Enclosures

011-100-00 Enclosure, watertight, 100 D mm for panel mounting

011-150-00 Enclosure, watertight, 150 D mm for panel mounting

011-200-00 Enclosure, watertight, 200 D mm for panel mounting

012-100-00 Enclosure, watertight, 100 D mm for wall mounting

012-150-00 Enclosure, watertight, 150 D mm for wall mounting

012-200-00 Enclosure, watertight, 200 D mm for wall mounting

013-100-00 Enclosure, watertight, 100 D mm portable w/handle & feet

013-150-00 Enclosure, watertight, 150 D mm portable w/handle & feet

013-200-00 Enclosure, watertight, 200 D mm portable w/handle & feet



Please contact the following for ordering and product inquiries:

