

6311



6313



6308PT



6308PTB



6312PT



Parameters	pH & ORP & Temp	pH & ORP & Temp	pH & Temp	pH & Temp	pH & Temp
Range	-2.00 ~ 16.00 pH (pH) ±2500 mV (ORP) ±6499 mV (Rel.mV)	-2.00 ~ 16.00 pH (pH) ±2500 mV (ORP) ±6499 mV (Rel.mV)	-2.00 ~ 16.00 pH	-2.00 ~ 16.00 pH	-2.00 ~ 16.00 pH
Resolution	0.01pH (pH) 1mV (ORP) 1mV (Rel.mV)	0.01pH (pH) 1mV (ORP) 1mV (Rel.mV)	0.01 pH	0.01 pH	0.01 pH
Accuracy	±0.1% of reading ± 1digits (pH) ±0.1% of reading ± 1digits (ORP) ±0.1% of reading ± 1digits (Rel.mV)	±0.1% of reading ± 1digits (pH) ±0.1% of reading ± 1digits (ORP) ±0.1% of reading ± 1digits (Rel.mV)	±0.01 pH ± 1 digits	±0.01 pH ± 1 digits	±0.01 pH ± 1 digits
Temp Range	-10.0 ~ 120.0 °C	-10.0 ~ 120.0 °C	-10.0 ~ 120.0 °C	-10.0 ~ 120.0 °C	-10.0 ~ 120.0 °C
Temp Resolution	0.1 °C	0.1 °C	0.1 °C	0.1 °C	0.1 °C
Temp Accuracy	±0.1 °C ± 1 digit	±0.1 °C ± 1 digit	±0.1 °C ± 1 digit	±0.1 °C ± 1 digit	±0.1 °C ± 1 digit
Calibration	Up to 5 points (pH) 1 point (ORP)	Up to 5 points (pH) 1 point (ORP)	2 points	2 points	2 points
pH Buffer Recognition	USA , NIST	USA , NIST	USA , NIST	USA , NIST	USA , NIST
ATC	Auto	Auto	Auto	Auto	Auto
Cell Constant	NA	NA	NA	NA	NA
Input Impedance	1 X 10 <sup>12</sup> Ω	1 X 10 <sup>12</sup> Ω	1 X 10 <sup>12</sup> Ω	1 X 10 <sup>12</sup> Ω	1 X 10 <sup>12</sup> Ω
Reference Temperature	NA	NA	NA	NA	NA
Temperature Coefficient	NA	NA	NA	NA	NA
TDS Factor	NA	NA	NA	NA	NA
Pressure Compensation	NA	NA	NA	NA	NA
Salinity Compensation	NA	NA	NA	NA	NA
Temperature Sensor	10 KΩ, Balco 3 KΩ, PT1000	10 KΩ, Balco 3 KΩ, PT1000	10 KΩ	10 KΩ	10 KΩ
Screen	Segment LCD	Segment LCD	Graphic LCD backlight ( Chinese or English )	Graphic LCD backlight ( Chinese or English )	Graphic LCD backlight ( Chinese or English )
Control	4 Relay for pH, 1 Relay for Wash	2 Relay	4 Relay for pH, 1 Relay for Temp.	3 Relay for pH, 1 Relay for Temp.	3 Relay for pH, 1 Relay for Temp.
Relay output ( Resistive load only )	5 A at 115 VAC or 2.5 A at 220 VAC	5 A at 115 VAC or 2.5 A at 220 VAC	5 A at 115 VAC or 2.5 A at 220 VAC	5 A at 115 VAC or 2.5 A at 220 VAC	5 A at 115 VAC or 2.5 A at 220 VAC
Analog output	1 X 4 ~ 20 mA ( isolated )	1 X 4 ~ 20 mA ( isolated )	2 X 4 ~ 20 mA ( isolated )	2 X 4 ~ 20 mA ( isolated )	2 X 4 ~ 20 mA ( isolated )
Current output Max load	500 Ω	500 Ω	500 Ω	500 Ω	500 Ω
Digital Output	NA	NA	RS-485	RS-485	RS-485
Power Supply	115 or 230 VAC , 50/60 Hz	115 or 230 VAC , 50/60 Hz	115 or 230 VAC , 50/60 Hz	115 or 230 VAC , 50/60 Hz	115 or 230 VAC , 50/60 Hz
Waterproof	IP65	IP65	IP65	IP65	IP65
Dimensions	96 X 96 X 148 mm	96 X 96 X 148 mm	96 X 96 X 148 mm	96 X 96 X 148 mm	96 X 96 X 148 mm