

6308DTB



6312DTF



6309POT



6309PDT



6308TuSS



6TX



Parameters	DO & DO% saturation & Temp	DO & DO% saturation & Temp	pH & ORP & Temp	pH & DO & DO% saturation & Temp	Turbidity & Suspended Solids	pH & ORP & Temp
Range	0 ~ 40000 ppb (DO) 0.0 ~ 400.0% (DO% saturation)	0 ~ 40000 ppb (DO) 0.0 ~ 400.0% (DO% saturation)	-2.00 ~ 16.00 pH (pH) ±2500 mV (ORP) ±6499 mV (Rel.mV)	-2.00 ~ 16.00 pH (pH) 0 ~ 60.00 ppm (DO) 0.0 ~ 500.0% (DO% saturation)	TC-100 : 0.00 ~ 100.0 NTU (FNU) TC-500 : 0.0 ~ 500.0 NTU (FNU) TC-3000 : 0 ~ 3000 NTU (FNU) TCS-1000 : 0.0 ~ 1000.0 mg/L TS-MXS-A : 0 ~ 50000 mg/L	-2.00 ~ 16.00 pH (pH) ±1000 mV (ORP)
Resolution	1 ppb (DO) 0.1% (DO% saturation)	1 ppb (DO) 0.1% (DO% saturation)	0.01 pH (pH) 1 mV (ORP) 1 mV (Rel.mV)	0.01 pH (pH) 0.01 ppm (DO) 0.1% (DO% saturation)	TC-100 : 0.01NTU (FNU) TC-500 : 0.1NTU (FNU) TC-3000 : 1NTU (FNU) TCS-1000 : 0.1mg/L TS-MXS-A : 1mg/L	0.01 pH (pH) 1 mV (ORP)
Accurac	±0.2% F.S.	±0.2% F.S.	±0.01 pH ± 1 digits (pH) ±0.2% F.S. (ORP) ±0.2% F.S. (Rel.mV)	±0.01 pH ± 1 digits (pH) ±0.2% F.S. (DO) ±0.2% F.S. (DO% saturation)	±3% F.S.	±0.01 pH (pH) ±1 mV (ORP)
Temp Range	-10.0 ~ 120.0 °C	-10.0 ~ 120.0 °C	-10.0 ~ 120.0 °C	-10.0 ~ 120.0 °C	NA	-10.0 ~ 120.0 °C
Temp Resolution	0.1°C	0.1 °C	0.1°C	0.1 °C	NA	0.1 °C
Temp Accuracy	±0.1 °C	±0.1 °C	±0.1 °C ± 1 digit	±0.1 °C	NA	±0.3 °C
Calibration	Up to 2 points	Up to 2 points	2 points (pH) 1 point (ORP)	2 points (pH) 1 point (DO)	Up to 5 points	Up to 2 points
pH Buffer Recognition	NA	NA	USA , NIST	USA , NIST	NA	USA , NIST
ATC	Auto	Auto	Auto	Auto	NA	Auto and manual
Cell Constant	Polarographic	Polarographic	NA	Polarographic	optical	NA
Input Impedance	NA	NA	1 X 10 ¹² Ω	1 X 10 ¹² Ω	NA	1 X 10 ¹² Ω
Reference Temperature	NA	NA	NA	NA	NA	NA
Temperature Coefficient	NA	NA	NA	NA	NA	NA
TDS Factor	NA	NA	NA	NA	NA	NA
Pressure Compensation	600 ~ 4000 mbar	600 ~ 4000 mbar	NA	600 ~ 1100 mbar	NA	NA
Salinity Compensation	0.0 ~ 49.9 ppt	0.0 ~ 49.9 ppt	NA	0.0 ~ 49.9 ppt	NA	NA
Temperature Sensor	22 KΩ	22 KΩ	10 KΩ	22 KΩ	NA	Pt100, Pt1000, 3KΩ Balco, 10KΩ
Screen	Graphic LCD backlight (Chinese or English)	Graphic LCD backlight (Chinese or English)	Graphic LCD backlight (Chinese or English)	Graphic LCD backlight (Chinese or English)	Graphic LCD backlight (Chinese or English)	Segment LCD
Control	3 Relay for DO, 1 Relay for Temp	3 Relay for DO, 1 Relay for Temp.	2 Relay for pH, 2 Relay for ORP, 1 Relay for Temp.	2 Relay for pH, 2 Relay for DO, 1 Relay for Temp.	2 Relay for Turbidity, 1 Relay for Wash	NA
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	NA
Analog Output	2 X 4 ~ 20 mA (isolated)	2 X 4 ~ 20 mA (isolated)	1 X 4 ~ 20 mA (isolated)	1 X 4 ~ 20 mA (isolated)	1 X 4 ~ 20 mA (isolated)	1 X 4 ~ 20 mA (isolated)
Current Output Max Load	500 Ω	500 Ω	500 Ω	500 Ω	500 Ω	500 Ω
Digital Output	RS-485	RS-485	RS-485 Modbus	RS-485 Modbus	RS-485 Modbus	NA
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	12 ~ 36 VDC
Waterproof	IP65	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	96 X 96 X 148 mm