

6011M



6011B



3011M



3021B



Parameters	pH & ORP & Temp	pH & ORP & Temp	Cond & TDS & Salt & Temp	Cond & TDS & Salt & Temp
Range	-2.00 ~ 16.00 pH ( pH ) ±1999 mV ( ORP )	-2.00 ~ 20.00pH ( pH ) ±2000mV ( ORP ) ±2000mV( Rel.mV )	0.000 µS/cm ~ 400.0 mS/cm ( Cond ) 0.000 mg/L ~ 400.0 g/L ( TDS ) 0.0 ~ 70.0 ppt ( Salt )	0.00 µS/cm ~ 200.0 mS/cm ( Cond ) 0.00 mg/L ~ 200.0 g/L ( TDS ) 0.0 ~ 70.0 ppt ( Salt )
Resolution	0.01 pH ( pH ) 1 mV ( ORP )	0.01 pH ( pH ) 1 mV ( ORP ) 1 mV ( Rel.mV )	0.001 µS/cm,0.01 µS/cm,0.1 µS/cm, 1 µS/cm, 0.01 mS/cm,0.1 mS/cm (Cond ) 0.001 mg/L,0.01 mg/L,0.1 mg/L, 1 mg/L,0.01 g/L,0.1 gL ( TDS ) 0.1 ppt ( Salt )	0.01 µS/cm, 0.1 µS/cm, 1 µS/cm, 0.01 mS/cm, 0.1 mS/cm ( Cond ) 0.01 mg/L, 0.1 mg/L, 1 mg/L, 0.01 g/L, 0.1 g/L ( TDS ) 0.1 ppt ( Salt )
Accuracy	±0.01 pH ( pH ) ±0.1% F.S. ( ORP )	±0.01 pH ( pH ) ±0.1% F.S. ( ORP ) ±0.1% F.S. ( Rel.mV )	±0.5% F.S.	±0.5% F.S.
Temp Range	-10.0 ~ 120.0 °C	-10.0 ~ 120.0 °C	-10.0 ~ 90.0 °C	-10.0 ~ 120.0 °C
Temp Resolution	0.1 °C	0.1 °C	0.1 °C	0.1 °C
Temp Accuracy	±0.3 °C	±0.3 °C	±0.3 °C	±0.3 °C
Calibration	2 points ( pH )	Up to 5 points ( pH ) ±150 mV ( ORP )	1 point	1 point
pH Buffer Recognition	USA , NIST	USA , NIST	NA	NA
ATC	Auto and manual	Auto and manual	Auto	Auto and manual
Cell Constant	NA	NA	0.10, 1.00, 10.0 ( 2 Wire )	0.475 ( 4 Wire ) , 0.1 ( 2 Wire )
Input Impedance	1 X 10 <sup>12</sup> Ω	1 X 10 <sup>12</sup> Ω	NA	NA
Reference Temperature	NA	NA	15.0 ~ 25.0 °C	15.0 ~ 25.0 °C
Temperature Coefficient	NA	NA	0.00% ~ 4.00%	0.00% ~ 4.00%
TDS Factor	NA	NA	0.30 ~ 1.00	0.30 ~ 1.00
Pressure Compensation	NA	NA	NA	NA
Salinity Compensation	NA	NA	NA	NA
Screen	Segment LCD	Segment LCD	Segment LCD	Segment LCD
Connectivity	NA	Bluetooth, USB	NA	Bluetooth, USB
Data Memory	50	250 GLP	50	250 GLP
Auto Shut Off	10 Mins	10, 20, 30 Mins	10 Mins	10, 20, 30 Mins
Battery Life	800 hrs	120 hrs	200 hrs	100 hrs
Power Supply	9V Battery	2 X 14500 rechargeable batteries	9V Battery	2 X 14500 rechargeable batteries
Waterproof	IP67	IP67	IP67	IP67
Dimensions	214 x 74 x 42 mm 216 X 80 X 50 mm ( Have jacket )	214 x 74 x 42 mm 216 X 80 X 50 mm ( Have jacket )	214 x 74 x 42 mm 216 X 80 X 50 mm ( Have jacket )	214 x 74 x 42 mm 216 X 80 X 50 mm ( Have jacket )