
6230M / 6230N
6231M / 6231N / 3250
9250M / 9251M / 6250
6251 / 6360

Designed to be at apt in the field and on a laboratory benchtop, this series offer true lab- grade quality readings with well-thought-out features and form factor.

Specifications

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6250



3250M



9250M



6360M



Parameters	pH & ORP & Ion & Temp	Cond & TDS & Salt & Temp	DO & DO% saturation & Temp	pH & ORP & Cond & TDS & Salt & Temp
Range	-2.000 ~ 16.000 pH (pH) ±1999.9 mV (ORP) 0.00 ~ 119.8 conc (Ion)	0.000 µS/cm ~ 300.0 mS/cm (Cond) 0.000 ppm ~ 300.0 ppt (TDS) 0.0 ~ 80.0 ppt (Salt)	0.00 ~ 50.00 ppm (DO) 0.0 ~ 500.0% (DO% saturation)	-2.00 ~ 16.00 pH (pH) ±1999 mV (ORP) 0.00 µS/cm ~ 200.0 mS/cm (Cond) 0.00 ppm ~ 200.0 ppt (TDS) 0.0 ~ 80.0 ppt (Salt)
Resolution	0.001 pH, 0.01 pH (pH) 0.1 mV, 1 mV (ORP) 0.05, 0.1, 0.2 conc (Ion)	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 ppm, 0.01 ppm, 0.1 ppm, 1 ppm, 0.01 ppt, 0.1 ppt (TDS) 0.1 ppt (Salt)	0.01 ppm (DO) 0.1% (DO% saturation)	0.01 pH (pH) 1 mV (ORP) 0.01 µS/cm, 0.1 µS/cm, 1 µS/cm, 0.01 mS/cm, 0.1 mS/cm (Cond) 0.01 ppm, 0.1 ppm, 1 ppm, 0.01 ppt, 0.1 ppt (TDS) 0.1 ppt (Salt)
Accuracy	±0.1% F.S. ± 1 digit (pH) ±0.1% F.S. ± 1 digit (ORP) ±2digits (Ion)	±0.5% F.S. (Cond) ±0.5% F.S. (TDS) ±1% F.S. (Salt)	±0.2% F.S.	±0.01pH ± 1 digit (pH) ±0.1% F.S. ± 1 digit (ORP) ±0.5% F.S. (Cond) ±0.5% F.S. (TDS)
Temp Range	-5.0 ~ 125 °C	-10.0 ~ 120.0 °C	-6.0 ~ 46.0 °C	-5.0 ~ 100.0 °C
Temp Resolution	0.1 °C	0.1 °C	0.1 °C	0.1 °C
Temp Accuracy	±0.5 °C	±0.2 °C	±0.1 °C ± 1 digit	±0.3 °C ± 1 digit
Calibration	2 points	1 point	1 point	Up to 2 points (pH) 1 point (Cond)
pH Buffer Recognition	USA, NIST	NA	NA	USA or NIST
ATC	Auto and manual	Auto	Auto	Auto
Cell Constant	NA	0.10, 1.00, 10.0 (2 Wire)	Polarographic	0.475 (4 Wire), 0.1 (2 Wire)
Input Impedance	1 X 10 ¹² Ω	NA	NA	1 X 10 ¹² Ω
Reference Temperature	NA	15.0 ~ 25.0 °C	NA	15.0 ~ 25.0 °C
Temperature Coefficient	NA	0.00% ~ 4.00%	NA	0.00% ~ 4.00%
TDS Factor	NA	0.300 ~ 1.000	NA	0.30 ~ 1.00
Pressure Compensation	NA	NA	600 ~ 1100 mbar	NA
Salinity Compensation	NA	NA	0.0 ~ 70.0 ppt	NA
Screen	Segment LCD	Segment LCD	Segment LCD	Segment LCD
Data Memory	NA	50	50	50
Connectivity	RS-232	RS-232	RS-232	RS-232
Battery Life	25 hrs	25 hrs	25 hrs	25 hrs
Power Supply	100 ~ 240 VAC adapter or AAA x 6	100 ~ 240 VAC adapter or AAA x 6	100 ~ 240 VAC adapter or AAA x 6	100 ~ 240 VAC adapter or AAA x 6
Waterproof	IP65	IP65	IP65	IP65
Dimensions	86 X 241 X 72 mm	86 X 241 X 72 mm	86 X 241 X 72 mm	86 X 241 X 72 mm