
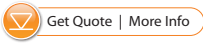



Model 3001	Levelogger Edge	Levelogger Gold
	 	
<b>Pressure Transducer</b>	Piezoresistive Silicon with Hastelloy Sensor	Piezoresistive Silicon in 316L Stainless Steel
Calibrated Ranges	15, 30, 65, 100, 300 ft, Atmospheric Barologger 5, 10, 20, 30, 100 m, Atmospheric Barologger	15, 30, 60, 100, 300 ft., Atmospheric Barologger 5, 10, 20, 30, 100 m, Atmospheric Barologger
Accuracy (typical)	Levelogger Edge: $\pm 0.05\%$ FS Barologger Edge: $\pm 0.05$ kPa	0.05% FS $\pm 0.010, 0.016, 0.032, 0.064, 0.328$ ft ( $\pm 0.3, 0.5, 1, 1.5, \& 5$ cm) Barologger $\pm 0.003$ ft (0.1 cm)
Resolution	24 Bit Resolution	M5/F15: 0.001 % FS, Other Ranges: 0.0006 % FS, Baro: 0.002% FS
Calibration	Factory – Lifetime calibration	Factory – Lifetime calibration
Response Time (90% Thermal $\Delta$ )	1 minute / 10°C change	1 minute / 1°C change
Temp Comp Range	Levelogger Edge: 0 to +50°C Barologger Edge: -10 to +50°C	10 to +40°C
Over-pressure Range	2 X	1.5 X
<b>Temperature Sensor</b>	Platinum RTD	Platinum RTD
Temperature Accuracy	$\pm 0.05^\circ\text{C}$	$\pm 0.05^\circ\text{C}$
Temperature Resolution	0.003°C	0.003°C
<b>Operating Temp Range</b>	-20 to +80°C	-20 to +80°C
<b>Clock Accuracy</b>	$\pm 1$ minute / year (-20 to +80°C)	$\pm 1$ minute / year
<b>Battery Life</b>	10 Years (based on 1 reading/minute)	10 Years (based on 1 reading/minute)
<b>Size</b>	7/8" x 6.25" (22 mm x 159 mm)	7/8" x 6" (22 mm x 154 mm)
<b>Weight</b>	4.6 oz (129 grams)	6.3 oz (179 grams)
<b>Memory</b>	40,000 Readings in FRAM Memory, or up to 120,000 Readings using data compression option	40,000 Readings in EEPROM Memory with redundant backup of last 1200 logs in FRAM
<b>Logging Rates</b>	0.125 sec to 99 hours	0.5 sec to 99 hours
<b>Logging Modes</b>	Linear, Event & User-Selectable Schedule with Repeat, Pause, Future Start, Future Stop, Real Time View	Linear, Event & User-Selectable Schedule, with Future Start, Real Time View
<b>Barometric Compensation</b>	High accuracy, air-only, Barologger Edge	High accuracy, air-only, Barologger Gold
<b>Display Units</b>	Levelogger Edge: cm, m, ft, psi, kPa, mbar °C, °F Barologger Edge: kPa, psi, mbar °C, °F	cm, m, ft, °C
<b>Altitude Input</b>	Unlimited (no input required)	Range = -980 to 16,400 ft (-300 to 5,000 m)
<b>Corrosion Resistant Coating</b>	Titanium based PVD	Zirconium Nitride (ZrN) PVD
<b>Wetted Materials</b>	Delrin®, Viton®, 316 L Stainless Steel, Hastelloy, Ti PVD	Delrin®, Viton®, 316 L Stainless Steel, ZrN PVD
<b>Leveloader Gold Compatible</b>	Yes (Leveloader firmware upgrade required)	Yes
<b>Communication Interface</b>	USB, RS-232, SDI-12	USB, RS-232, SDI-12
<b>Software Verson 4</b>	Many new features: see Data Sheet. Can be translated into other languages	Many new features: see Data Sheet. Can be translated into other languages
<b>Communication Speed</b>	9600 bps, 38,400 with USB Optical Reader	9600 bps

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