

	Levelogger Gold	Old Levelogger
Backward Compatible	YES	YES
Pressure Transducer	Piezoresistive Silicon in 316L Stainless Steel	Ceramic
Calibrated Ranges:	15, 30, 60, 100, 300 ft, Atmospheric Barologger 5, 10, 20, 30, 100m, Atmospheric Barologger	15, 30, 60, 100, 300 ft. + 5 ft. Barologger 5, 10, 20, 30, 100m + 1.5 m Barologger
Accuracy (typical)	0.05% net FS \pm 0.010, 0.016, 0.032, 0.064, 0.328 ft. (\pm 0.3, .5, 1, 1.5, & 5cm) Barologger: \pm 0.003 ft. (0.1 cm)	0.1% net FS \pm 0.02, 0.03, 0.06, 0.10, 0.33 ft (\pm 0.5, 1, 2, 3, 10 cm) Barologger \pm 0.02 ft (0.5 cm)
Accuracy (Max Error)	0.1% net FS - very stable readings Readings fluctuate within 0.01% FS	0.2% net FS Readings fluctuate up to 0.2% FS
Resolution	Baro: 0.002% FS, M5/F15: 0.001 % FS, Other Ranges: 0.0006 % FS	Baro: 0.1%, All Other Ranges: .02%
Calibration	Factory – Lifetime calibration	Factory – Lifetime calibration
Response Time (90% Thermal Δ)	< 1 minute	1 – 3 minutes
Temp Comp Range	-10 to +40°C	-10 to +40°C
Temperature Sensor	Platinum Resistance Temperature Detector	Spreading Resistance Silicon
Temperature Accuracy	\pm 0.05°C	\pm 0.1°C
Temperature Resolution	0.003°C	0.01°C
Operating Temp Range	-20 - +80°C	-20 - +80° C
Clock Accuracy	\pm 1 minute / year.	< 1 second / day (6 min / year)
Battery Life	10 Years	8 - 10 years
Size	7/8 x 6" (22 mm x 154 mm)	7/8 x 4.9"
Weight	6.3 oz (179 grams)	5.7 oz (160 grams)
Memory	40,000 Readings of Level and Temperature Superior Reliability EEPROM Memory with redundant backup of last 1200 logs	24,000 Readings of Level and Temperature
Logging Rates	0.5 sec – 99 hours	0.5 sec – 99 hours
Logging Modes	Linear, Event & User-Selectable Schedules with 30 items, each with Sec, Min, Hours, Days or Weeks duration	Linear, Event and choice of 3 pre-set Logarithmic style schedules
Barometric Compensation	High accuracy, air-only, Barologger	Barologger - water based
Altitude Input	Range = -980 to 16,400 ft. (-300 to 5,000 m)	Range = -980 to 9,800 ft. (-300 to 3,000 m)
Corrosion Resistant Coating	Zirconium Nitride (ZrN) PVD	None
Other Wetted Materials	Delrin [®] , Viton [®] , Stainless Steel	Stainless Steel, Ceramics, Akulon, Viton
Direct Read Capability	Yes	Yes
Handheld Data Transfer Leveloader	Yes	Yes
Software Version 3	Many new features: see Data Sheet. Can be translated into other languages	
Offset	Allows input in range equal to Altitude Range = -980 to 16,400 ft. (-300 to 5,000 m)	Limited input based on transducer range