



Model 3001	LTC Levelogger Edge	LTC Levelogger Junior
		
Level Sensor	Piezoresistive Silicon with Hastelloy Sensor	Piezoresistive Silicon with Hastelloy Sensor
Ranges	5, 10, 20, 30, 100, and 200 m	10 and 30 m
Accuracy	±0.05% FS (lifetime calibration)	±0.1% FS (lifetime calibration)
Units of Measure	cm, m, ft, psi, kPa, bar (°C, °F)	cm, m, ft (°C)
Normalization	Automatic Temperature Compensation	Automatic Temperature Compensation
Temp Compensation Range	0°C to 50°C	10°C to 40°C
Temperature Sensor	Platinum Resistance Temperature Detector (RTD)	Platinum Resistance Temperature Detector (RTD)
Accuracy	±0.05°C	±0.1°C
Resolution	0.003°C	0.1°C
Conductivity Sensor	4-Electrode Platinum	4-Electrode Platinum
Full Range	0 to 100,000 µS/cm	0 to 80,000 µS/cm
Calibrated Range	50 to 80,000 µS/cm	500 to 50,000 µS/cm
User Calibration Points	1413, 5000, 12,880, 80,000 µS	1413, 5000, 12,880 µS
Accuracy	±1% 5,000 µS/cm - 80,000 µS/cm; greater of ±2% or 15 µS/cm from 80 µS/cm - 5,000 µS/cm	±2% of reading or 20 µS/cm
Resolution	±0.1 µS/cm	±1 µS/cm
Temp Compensation Range	0°C to 50°C	0°C to 40°C
Normalization	Specific Conductance @ 25°C	Specific Conductance @ 25°C
Battery Life	8 Years (1 reading every 5 minutes)	5 Years (1 reading every 5 minutes)
Clock Accuracy	±1 minute/year (-20°C to 80°C)	± 1 minute/year (0°C to 40°C)
Operating Temperature	-20°C to 80°C	-20°C to 80°C
Maximum Readings	27,000 sets of readings in FRAM memory	16,000 sets of readings in Non-volatile EEPROM, FRAM back-up
Memory	Slate or Continuous	Slate
Communication	Optical Infra-red: USB, RS-232, SDI-12	Optical Infra-red: USB, RS-232, SDI-12
Communication Speed	9600 bps, 38,400 bps with USB optical reader	9600 bps
Size	7/8" x 7.5" (22 mm x 190 mm)	7/8" x 7.5" (22 mm x 190 mm)
Weight	7.05 oz. (200 grams)	7.05 oz. (200 grams)
Corrosion Resistance	Hastelloy pressure sensor, Titanium ceramic PVD coating	Hastelloy pressure sensor
Wetted Materials	Platinum, Hastelloy, 316L Stainless Steel, Delrin®, Viton®, Titanium ceramic PVD coating	Platinum, Hastelloy, 316L Stainless Steel, Delrin®, Viton®
Sampling Mode	Linear, Event & User-Selectable with Repeat Mode, Future Start, Future Stop, Real-Time View	Linear, Real Time View, Future Start
Measurement Rates	2 seconds to 99 hours	5 seconds to 99 hours
Barometric Compensation	Software Wizard and Barologger Edge	Software Wizard and Barologger Edge
Warranty	3 Years	1 Year