



Model 3001	LTC Levelogger Edge 	LTC Levelogger Junior 
<b>Level Sensor</b>	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
<b>Temperature Sensor</b>	Platinum Resistance Temperature Detector (RTD)	Platinum Resistance Temperature Detector (RTD)
Accuracy	±0.05°C	±0.1°C
Resolution	0.003°C	0.1°C
<b>Conductivity Sensor</b>	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% > 30,000 µS/cm; ±2% 500 - 30,000 µS/cm; ±30µS < 500 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
<b>Battery Life</b>	8 Years (1 reading every 5 minutes)	5 Years (1 reading every 5 minutes)
<b>Clock Accuracy</b>	±1 minute/year (-20°C to 80°C)	± 1 minute/year (0°C to 40°C)
<b>Operating Temperature</b>	-20°C to 80°C	-20°C to 80°C
<b>Maximum Readings</b>	27,000 sets of readings in FRAM memory	16,000 sets of readings in Non-volatile EEPROM, FRAM back-up
<b>Memory</b>	Slate or Continuous	Slate
<b>Communication</b>	Optical Infra-red: USB, RS-232, SDI-12	Optical Infra-red: USB, RS-232, SDI-12
<b>Communication Speed</b>	9600 bps, 38,400 bps with USB optical reader	9600 bps
<b>Size</b>	7/8" x 7.5" (22 mm x 190 mm)	7/8" x 7.5" (22 mm x 190 mm)
<b>Weight</b>	7.05 oz. (200 grams)	7.05 oz. (200 grams)
<b>Corrosion Resistance</b>	Hastelloy pressure sensor, Titanium ceramic PVD coating	Hastelloy pressure sensor
<b>Wetted Materials</b>	Platinum, Hastelloy, 316L Stainless Steel, Delrin®, Viton®, Titanium ceramic PVD coating	Platinum, Hastelloy, 316L Stainless Steel, Delrin®, Viton®
<b>Sampling Mode</b>	Linear, Event & User-Selectable with Repeat Mode, Future Start, Future Stop, Real-Time View	Linear, Real Time View, Future Start
<b>Measurement Rates</b>	2 seconds to 99 hours	5 seconds to 99 hours
<b>Barometric Compensation</b>	Software Wizard and Barologger Edge	Software Wizard and Barologger Edge
<b>Warranty</b>	3 Years	1 Year