

Water Level Dataloggers	Model 3001 Levellogger 6	Model 3250 LevelVent 6
		
Level Sensor	Piezoresistive Silicon with Hastelloy® Sensor	
Sensor Type	Absolute	Gauged (Vented)
Ranges	5, 10, 20, 30, 100, and 200 m	5, 10, 20 m
Accuracy	±0.05% FS (lifetime calibration)	
Units of Measure	cm, m, ft, psi, kPa, bar (°C, °F)	
Normalization	Automatic Temperature Compensation	
Temp Compensation Range	0°C to 50°C	
Barometric Compensation	Barologger 6 and Software Data Wizard	Automatic via vent tube
Temperature Sensor	Platinum Resistance Temperature Detector (RTD)	
Accuracy	±0.05°C	
Resolution	0.003°C 	
Battery	Built-in lithium battery	
Battery Life	10 years based on 1 reading every minute	
Clock Accuracy (typical)	±1 minute/year (-20°C to 80°C)	
Operating Temperature	-20°C to 80°C	
Maximum Readings	150,000 sets of readings, separate continuous dedicated backup of most recent 20,000 readings	
Memory	Slate or Continuous	
Communication Interface	USB, SDI-12, MODBUS	
Communication Speed (baud)	9600, 57600 with USB Desktop/Field Reader, 19.2k with Mk3 USB-C PC Interface Cable	9600 with USB PC Interface Cable, 38.4k with Mk3 USB-C PC Interface Cable
Size	22 mm x 160 mm (7/8" x 6.3")	22 mm x 173 mm (7/8" x 6.8")
Weight	146 grams (5.2 oz.)	190 grams (6.7 oz.)
Corrosion Resistance	Baked-on coating using polymerization technology (inside and out)	316L Stainless Steel
Wetted Materials	Hastelloy, 316L Stainless Steel, Delrin®, Viton®, PFAS-free PTFE	Delrin®, Viton®, Polyurethane (TPU boot) 316L stainless steel, Hastelloy (Vented Cable: Polyurethane, Nickel plated Brass, Viton)
Programming Options	Levellogger PC Software, Solinst Levellogger App	
Sampling Mode	Linear, Event & User-Selectable Schedule Modes with Repeat & Pause options, Future Start, Future Stop, Real-Time View	
Measurement Rates	1/8 second to 99 hours	
Deployment Options	Stainless steel cable, Kevlar cord, Direct Read Cable, etc.	Vented Cable & LevelVent Wellhead
Data Collection Options:	Levellogger App Interface, SRU (Solinst Readout Unit), DataGrabber, LevelSender, SolSat, RRL Remote Radio Link	
Maintenance	Cleaning sensor, replacing o-rings	Cleaning sensor, replacing o-rings, checking vent tube (blow out fitting), no desiccants to replace
Applications	• deeper applications, higher fluctuations • when barometric data is required (barometric efficiency) • very humid conditions, risk of wellhead flooding • areas prone to long-term freezing conditions • hard to reach areas, cumbersome deployment	• shallow applications, low fluctuations • surface water, wetlands • watershed monitoring • stormwater and flood monitoring • no option for Barologger deployment, or don't want extra step of data compensation