



Water Level Dataloggers	 <b>Model 3001 Levelogger 5</b>	 <b>Model 3250 LevelVent 5</b>
<b>Level Sensor</b>	Piezoresistive Silicon with Hastelloy® 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) (+Barologger inaccuracy)	±0.05% FS (lifetime calibration)
Units of Measure	cm, m, ft, psi, kPa, bar (°C, °F)	cm, m, ft, psi, kPa, bar (°C, °F)
Normalization	Automatic Temperature Compensation	Automatic Temperature Compensation
Temp Compensation Range	0°C to 50°C	0°C to 50°C
<b>Barometric Compensation</b>	Barologger 5 and Software Data Wizard	Automatic via vent tube
<b>Temperature Sensor</b>	Platinum Resistance Temperature Detector (RTD)	Platinum Resistance Temperature Detector (RTD)
Accuracy	±0.05°C	±0.05°C
Resolution	0.003°C	0.003°C
<b>Battery</b>	Built-in lithium battery	Built-in lithium battery
Battery Life	10 years based on 1 reading every minute	10 years based on 1 reading every minute
<b>Clock Accuracy (typical)</b>	±1 minute/year (-20°C to 80°C)	±1 minute/year (-20°C to 80°C)
<b>Operating Temperature</b>	-20°C to 80°C	-20°C to 80°C
<b>Maximum Readings</b>	150,000 sets of readings	150,000 sets of readings
<b>Memory</b>	Slate or Continuous	Slate or Continuous
<b>Communication</b>	Optical high-speed: 57,600 bps with USB, 1200 baud SDI-12	9600 bps with USB
<b>Size</b>	22 mm x 160 mm (7/8" x 6.3")	22 mm x 173 mm (7/8" x 6.8")
<b>Weight</b>	146 grams (5.2 oz.)	190 grams (6.7 oz.)
<b>Corrosion Resistance</b>	Baked-on coating using polymerization technology (inside and out)	Baked-on coating using polymerization technology (inside and out)
<b>Wetted Materials</b>	Hastelloy, 316L Stainless Steel, Delrin®, Viton®, PFAS-free PTFE	Delrin®, Viton®, Polyurethane (TPU boot) 316L stainless steel, Hastelloy, PFAS-free PTFE (Vented Cable: Polyurethane, Nickel plated Brass, Viton)
<b>Programming Options</b>	Levelogger PC Software, Solinst Levelogger App	Levelogger PC Software, Solinst Levelogger App
<b>Sampling Mode</b>	Linear, Event & User-Selectable with Repeat & Pause Modes, Future Start, Future Stop, Real-Time View	Linear, Event & User-Selectable with Repeat & Pause Modes, Future Start, Future Stop, Real-Time View
<b>Measurement Rates</b>	1/8 second to 99 hours	1/8 second to 99 hours
<b>Deployment Options</b>	Stainless steel cable, Kevlar cord, Direct Read Cable, etc.	Vented Cable & LevelVent Wellhead
<b>Data Collection Options:</b>	Levelogger 5 App Interface, SRU, DataGrabber 5, LevelSender 5, STS Telemetry	Levelogger 5 App Interface, SRU, DataGrabber 5, LevelSender 5, STS Telemetry
<b>Maintenance</b>	Cleaning sensor, replacing o-rings	Cleaning sensor, replacing o-rings, checking vent tube (blow out fitting), <b>no desiccants to replace</b>
<b>Applications</b>	<ul style="list-style-type: none"> <li>• deeper applications, higher fluctuations</li> <li>• when barometric data is required (barometric efficiency)</li> <li>• very humid conditions, risk of wellhead flooding</li> <li>• areas prone to long-term freezing conditions</li> <li>• hard to reach areas, cumbersome deployment</li> </ul>	<ul style="list-style-type: none"> <li>• shallow applications, low fluctuations</li> <li>• surface water, wetlands</li> <li>• watershed monitoring</li> <li>• stormwater and flood monitoring</li> <li>• no option for Barologger deployment, or don't want extra step of data compensation</li> </ul>



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