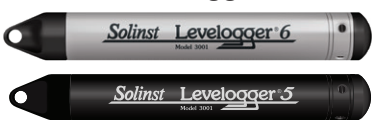


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The **Levellogger 6** brings a modern standard to water level datalogging. The core measurement specs remain familiar to Levellogger 5 users, but the Levellogger 6 improves the practical field experience with USB-C, faster Mk3 PC Interface Cable communication, integrated datalogger/cable diagnostics, LED fault feedback, backup memory, and better software-side data handling. Here is a summary of the practical improvements that come with the Levellogger 6:

Feature	Levellogger 5	Levellogger 6	Practical Improvement
Updated Software Platform	 Levellogger Software 4.7.0 focused on Levellogger 5 Series, compatible with Edge Series.	 Levellogger Software 6.0.0 focuses on Levellogger 6 Series; also compatible with Levellogger 5 and Edge Series.	One current platform for the Levellogger 6, while preserving much of the older series workflow.
Levellogger Software Requirements	Backwards compatible and can use Levellogger Software 6.0.0.	Levellogger 6 Series is not backwards compatible with previous Levellogger Software; requires Software 6.0.0 and up.	Clear migration requirement: customers must update software before programming Levellogger 6 dataloggers.
USB-A vs USB-C Communication Ports	Levellogger 5 Series used USB-A devices such as Desktop Reader 5, Field Reader 5, Optical Reader, or PC Interface Cable.	Levellogger 6 supports USB-A or USB-C ports and includes current USB-C Desktop Reader, Field Reader, and Mk3 PC Interface Cables as HID devices.	Better fit for modern laptops. Much faster communication speeds with USB-C for data downloads and firmware upgrades.
Logger and Cable Diagnostics in Software Setup Screen	Levellogger 5 setup section has Datalogger Information, Memory, and Time, but no setup-level Logger and Cable Diagnostic Tests section.	Levellogger 6 adds Logger and Cable Diagnostic Tests. It shows startup self-test results for the logger and, when using an Mk3 PC Interface Cable, the Direct Read Cable (DRC).	Big field-service improvement: logger/cable faults become visible. Eliminates other possible issues (e.g. laptop, software).
Automatic Startup Diagnostics and Utility	Diagnostics Utility exists, but it is less integrated into the setup workflow. 	Levellogger 6 self-tests run automatically when the datalogger first connects; results appear in the settings window and Diagnostic tab (including real-time readings). Diagnostic Utility is still there.	Faster service triage. Better returns screening. More evidence before replacing hardware.
Last LTC Calibration Time Visibility	Datalogger Information shows Status, Start Time, and Stop Time in the software.	If a Levellogger 6 LTC is connected, the software also shows Last Calibration time.	Useful QA/QC improvement for conductivity work. Helps avoid "when was this last calibrated?" questions.
Data Handling Tools	Data Control just includes downloading, saving, graph manipulation, export/print.	Levellogger 6 adds the ability to view UTC time stamped data, Merge Files (separate data files into one) and a Data Analysis Function to identify minimum, maximum, and average values over user-defined intervals.	Better built-in data workflow. Less need for Excel for basic file consolidation/analysis.
PC Interface Cable Feedback	Used USB-A PC Interface Cable that has no LED or diagnostics.	Levellogger 6 adds Mk3 USB-C PC Interface Cable with an LED providing test signals and fault codes.	The Cable can tell the user whether the DRC has short, open, ground, noise, voltage, or interface faults.
Dedicated Backup Memory	Read Memory Dump option in Diagnostic Utility. No separate dedicated "secondary" data storage.	Levellogger 6 adds Recover Previous Log option back in Data Control. Dedicated backup "secondary" storage for up to 20,000 readings.	Ensures your data is always secure.

Model 3001	Levellogger 6 and 5   Levellogger Edge  	
Pressure Transducer	Piezoresistive Silicon with Hastelloy® Sensor	✓
Calibrated Ranges	5, 10, 20, 30, 100, 200 m, Atm. Barologger 15, 30, 65, 100, 300, 600 ft, Atm. Barologger	✓
Accuracy	Levellogger: ± 0.05% FS Barologger: ± 0.05 kPa	✓
Resolution	0.001% FS to 0.0006% FS	✓
Calibration	Factory – Lifetime calibration	✓
Response Time (90% Thermal Δ)	1 minute / 10°C change	✓
Automatic Temperature Compensation Range	Levellogger: 0 to +50°C Barologger: -10 to +50°C	✓
Over-pressure Range	2 X Full Scale	✓
Temperature Sensor	Platinum Resistance Temperature Detector (RTD)	✓
Temperature Accuracy	± 0.05°C	✓
Temperature Resolution	0.003°C	✓
Operating Temp Range	-20 to +80°C	✓
Clock Accuracy (typical)	± 1 minute / year (-20 to +80°C)	✓
Battery Life	10 Years (based on 1 reading/minute)	✓
Size	22 mm x 160 mm (7/8" x 6.3")	22 mm x 159 mm (7/8" x 6.25")
Weight	146 grams (5.2 oz)	129 grams (4.6 oz)
Memory	150,000 sets of readings (Levellogger 6 has a dedicated backup memory that automatically & independently records the most recent 20,000 sets of readings).	40,000 sets of readings
Memory Mode	Slate or Continuous	✓
Logging Rates	0.125 sec to 99 hours	✓
Logging Modes	Linear, User-Selectable Schedule with Repeat & Pause Modes, Event, Future Start, Future Stop, Real Time View	✓
Barometric Compensation	High accuracy, air-only, Barologger	✓
Display Units	Levellogger: cm, m, ft, psi, kPa, bar °C, °F Barologger: kPa, psi, mbar °C, °F	✓
Corrosion Resistant Coating	Baked-on coating using polymerization technology (inside and out)	Titanium based PVD
Wetted Materials	Delrin®, Viton®, 316 L Stainless Steel, Hastelloy, PFAS-free PTFE	Delrin®, Viton®, 316 L Stainless Steel, Hastelloy, Ti PVD
Leveloader Gold Compatible	No	Yes (Leveloader firmware upgrade required)
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, 38400 with USB Optical Reader

*SDI-12 and MODBUS communication requires the use of a surface Interface Cable.

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