Solinst ®

Levelogger ®
Model 3001

Enhanced Design:

Titanium Coating: provides increased corrosion resistance. The coating is a Plasma Vapor Deposition (PVD) that forms a chemical bond with the stainless steel body. Ideal for monitoring in contaminated or marine environments.

Pressure Sensor: uses a Hastelloy sensor, which is a metal alloy that is excellent in high-temperature and high stress environments, and is corrosion resistant in severely corrosive conditions. The Hastelloy sensor can withstand up to 2 times over-pressure without permanent damage. Overall, a more reliable, stable, and accurate sensor.

Operating Temperature Range: is -20°C - +80°C, while the calibrated Temperature Compensated Range has increased to 0°C - +50°C (-10°C - +50°C for the Barologger Edge), with improved thermal response time.

Memory: FRAM memory, which is more stable than Flash. It gives 40,000, or up to 120,000 compressed, linear readings of level and temperature, set up in individual logs.

Convenient Accessories:

High Speed Optical Reader: provides fast communication and downloading speeds between the Levelogger and PC.

New Solinst Well Caps: a single assembly provides options for both wireline and Direct Read Cable deployment.

Programming Options:

Level Units: Leveloggers can be set to record water levels in m (default), cm, ft, kPa, mbar, and psi. With a Barologger Edge, the options are kPa (default), mbar, and psi.

Compressed Sampling: increases the number of readings that can be saved in memory from 40,000 readings to up to 120,000 readings in linear sampling mode.

Event Based Sampling: now stores a default reading every 24 hours if an event does not occur.

Schedule Sampling: now includes an option to repeat a programmed schedule with up to 30 separate sampling intervals.

Future Stop: when first programming your Levelogger, allows you to set a specific time that the Levelogger will automatically stop recording data.

New Levelogger V4.0 Software:

User Friendly Software: has more features, is more streamlined, and even easier to use. All major sections are laid out in tabs, including Datalogger Settings, Data Control, Real Time View, Data Compensation, Conductivity Calibration, and Leveloader.

Barometric Compensation: the new Levelogger V4.0 Software Barometric Compensation Wizard allows multiple Levelogger files to be compensated simultaneously, using a single Barologger file.

Data Compensation Options: include Barometric Compensation, Manual Data Adjustment, Offset, Unit Conversion, Altitude and Density Adjustment, Barometric Efficiency, and Conductivity Conversion.

More Graphing Options: allow you to view multiple graphs at once, and view combined or separate graphs for each data channel (water level and temperature).

Diagnostic Utility: is more straight-forward to use, and allows you to e-mail a diagnostic report right to Solinst Technical Staff for troubleshooting.

Updates: new software and firmware releases can be checked for using a new function in Levelogger V4.0 Software.

Real Time View: measurements can now be displayed as depth to water readings using the manual data adjustment input.

®Solinst and Levelogger are registered trademarks of Solinst Canada Ltd.

Solinst ®