

NEW!

WATER LEVEL, PRESSURE, TEMPERATURE, DATA LOGGING

Level**TROLL**® 100

SIMPLE DATA DOWNLOAD VIA DOCKING STATION

RELIABLE DATA LOGGING

LINEAR, FAST LINEAR AND EVENT TESTING

FREE 24/7 TECH SUPPORT... ALWAYS!

*Economical, reliable water monitoring data logger
Low Power System with Guaranteed Battery Life
Guaranteed Accuracy and Performance
FREE 24/7 Technical Support - Always!*

Docking Station Connection



The **Level TROLL® 100 Docking Station** is an RS232 or USB communication interface for programming and downloading data from the **Level TROLL®**

100 instrument. The USB communication allows for fast data transfer to a PC. The **Level TROLL® 100 Docking Station** comes in two connection configurations, USB for use with a PC or RS232 for use with a PC or the In-Situ RuggedReader®.

Win-Situ® Software

Connect to the **Level TROLL® 100** and view data in a format you like faster and easier than ever before! We've completely redesigned our leading **Win-Situ®** software with you in mind.

Win-Situ® features a streamlined graphical interface with pictures and diagrams to guide setup. Data is stored by your sites and can be viewed or instantly exported to MS Excel®. Every screen has an easy-to-read graphical '**dashboard**' with indicators. Plus friendly Wizards guide every step.

Minimum Computer System Requirements: 400MHz Pentium® II processor; 128 MB RAM; 100 MB free disk space; Internet Explorer® 6.01 or higher; Windows® 2000 Professional SP4 or higher, Windows® XP Professional SP2 or higher, or Windows Vista™; CD-ROM drive; serial or USB port.



General

Operating temperature range	-20° to 50°C (-4° to 122°F)
Storage temperature range	-40° to 80°C (-40° to 176°F)
Diameter	1.03 in (26.2 mm)
Length	5.5 in (14.0 cm)
Weight	6 oz (170 g)
Output options	USB or RS-232
Housing/nose cone material	Acetal Alloy

Power

Internal battery	3.6V lithium
Guaranteed battery life	5 years or 2 million readings*
Cable	Suspension wire
External power	No

Logging

Memory / data records	0.5MB / 32,000
Fastest logging rate	1 per second
Measurement types	Linear, Fast Linear, Event

Pressure Sensor

Material	Ceramic
Calibrated temperature range	0° to 50°C (32° to 122°F)
Accuracy	Typical +/- 0.1% FS Maximum +/- 0.3% FS
Sensor resolution	+/- 0.01 or better
Sensor range, non-vented**	0 to 30 ft (0 to 9.0 m) 0 to 100 ft (0 to 30 m) 0 to 250 ft (0 to 76 m)
Burst pressure	0 to 30 ft: 60 ft, 18 m 0 to 100 ft: 134 ft, 40.8 m 0 to 250 ft: 368 ft, 112 m
Units of measure – pressure	Psi, kPa, bar, mbar, mmHg, inHg, cmH ₂ O and inH ₂ O
Units of measure – level	m, cm, mm, in, ft

Temperature Sensor

Material	Silicon
Calibrated temperature range	0° to 50°C (32° to 122°F)
Accuracy	+/- 0.3°C
Resolution	0.1°C
Unit of measure	Celsius or Fahrenheit

* 1 reading = time and date plus all available parameters polled or logged from device
** For best accuracy results use the BaroTROLL® 100 for barometric compensation

Warranty

The Level TROLL® 100 comes with a one-year warranty. Extended warranties available: call or visit in-situ.com for information on our Assurance Plus service and warranty program.

CALL FOR INFORMATION OR TO PURCHASE THE LEVEL TROLL 100 TODAY

 **In-Situ Inc.**
The Standard for Water Quality & Level

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