

In-Situ BaroTROLL®

The BaroTROLL® is a low-cost, self-contained logger that measures barometric pressure. It contains highly precise barometric and temperature sensors, a data logger, and internal power in a 18.3mm (0.72 in) diameter housing. Our low-powered system practically eliminates the need to change batteries and guarantees long-term operation. Alternatively, the unit can be powered with external power. System integration is a snap with built-in RS-485/232 Modbus, SDI-12, and 4-20mA communications.

The BaroTROLL® is typically used in conjunction with one or more of the non-vented Level TROLL® instruments to compensate for changes in water level due to barometric fluctuations. Readings from the BaroTROLL® can be automatically subtracted from data collected by a Level TROLL®. Due to its small size, it can be installed at the surface or inside the well casing--even in 25mm (1 in) wells! Built entirely from rugged titanium and welded to eliminate o-ring seals, you can have total confidence in harsh environments.

APPLICATIONS:

- Barometric pressure monitoring
- Temperature monitoring
- Atmospheric research

