



Key Features

- Compact size: 18 mm diameter | 88 mm length
- Fits in 19mm monitoring wells
- Memory capacity: 48,000 records (timestamp, pressure, and temperature)
- 30-point factory calibration for pressure
- Pre-programmed and user-defined pumping tests
- Event-based, averaging, and pumping test sample methods to conserve memory

The Micro-Diver is the smallest data logger designed to measure and record groundwater levels and temperature. Measuring just 88 mm in length and 18 mm in diameter, this compact device is ideal for pipes with a diameter of at least 20 mm and is particularly well-suited for pumping tests. The Micro-Diver is a reliable and cost-effective solution for monitoring wells that are too small to accommodate larger dataloggers.

This autonomous data logger can store up to 48,000 measurements per parameter, providing nearly one measurement every ten minutes for an entire year. Connect the Micro-Diver to a modem to transmit data directly from the field to your data centre.

It's available in measuring ranges of 10 m, 20 m, 50 m, and 100 m the electronics, sensors, and battery are all maintenance-free.

Applications

- Geohydrological research
- Water quantity research
- Monitoring water quantity
- Long-term water level monitoring
- Groundwater monitoring projects

Specification	
Battery life	8-10 years
Data storage capacity	48,000
Operating temperature	0°C - 50°C
Casing material	316L stainless steel
Sample interval	0.5 seconds to 99 hours
Protection class	IP68, 10 years continuously submerged in water at 100m
Weight	45 g

Variations Specification				
Items	11110202	11110204	11110206	11110208
Water column measurement range (mH ₂ O)	10	20	50	100
Accuracy (max) (cmH ₂ O)	± 3.0	± 6.0	± 15	± 30
Accuracy (typical) (cmH ₂ O)	± 1.0	± 2.0	± 5.0	± 10
Long-term stability (cmH ₂ O)	± 3.0	± 6.0	± 15	± 30
Resolution (cmH ₂ O)	0.2	0.4	1	2
Display resolution (cmH ₂ O)	0.058	0.092	0.192	0.358
Overload pressure (mH ₂ O)	15	30	75	150

