



Key Features

- Compact size: 22 mm diameter | 110 mm length
- Memory capacity: 72,000 records (timestamp, pressure, and temperature), with backup storage
- Continuous and fixed-length memory
- Accurately captures changes in atmospheric pressure
- Low maintenance with no user calibration required
- Provides reliable and accurate data

The Baro-Diver is a precision instrument designed to measure atmospheric pressure and compensate for variations in atmospheric pressure measured by other Diver types; it is also effective in measuring shallow water levels, up to 1 meter. It records barometric pressure and temperature sampled at fixed intervals; the internal memory stores up to 72,000 measurements per parameter, making it an excellent tool for long-term monitoring.

One Baro-Diver can cover a radius of up to 15 km, depending on the topography, making it a versatile solution for various atmospheric pressure monitoring needs. The Baro-Diver must be installed in an environment where it only measures atmospheric pressure under all conditions; locations without rapid temperature variations are preferred.

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	72,000
Operating temperature	-10°C - 50°C
Casing material	316L stainless steel
Sample interval	0.5 seconds to 99 hours
Weight	45 g

Specification	
Water column measurement range (mH ₂ O)	10
Accuracy (max) (cmH ₂ O)	± 2.0
Accuracy (typical) (cmH ₂ O)	± 0.5
Long-term stability (cmH ₂ O)	± 2.0
Resolution (cmH ₂ O)	0.1
Display resolution (cmH ₂ O)	0.058
Overload pressure (mH ₂ O)	15

