



The Cera-Diver is specifically designed for monitoring groundwater in severe environments such as corrosive conditions or seawater. With a specially designed ceramic shell this Diver is robust and durable making it perfectly suited to monitoring harsh water conditions such as brackish water. This Diver is highly reliable and compact and measures groundwater accuracy of $\pm 0.05\%$ full scale.

Applications

- Saltwater intrusion projects
 - Leachate monitoring at landfill sites
 - Monitoring groundwater and surface water
 - Estuary and wetlands monitoring
 - Groundwater monitoring
 - Aquifer storage and recovery projects
- Groundwater monitoring projects

Features

- Robust ceramic design
- 48,000 measurements per parameter
- 10 years battery life (dependent on usage)
- 0.5 second to 99 hours sample intervals
- Fixed, event dependent, averaging and pumping

Specifications	
Length	90 mm
Diameter	22 mm
Weight	50 g
Memory	48,000 measurements
Battery Life	Up to 10 years (depending on usage)
Sample Interval	0.5 second to 99 hours
Sample method	Fixed, event dependent, averaging and pumping test

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Wetted Parts	
Housing	Ceramic (ZrO ₂)
O-rings	Viton®
Pressure sensor	Piezoresistive ceramic
Cap/ nose cone	Nylon PA6 30% glass fibre

Temperature	
Range	- 20 to +80 °C
Calibrated	0 to 50 °C
Accuracy*	±0.1 °C
Resolution	0.01 °C

Pressure				
Model	11110302	11110304	11110306	11110308
Range	10	20	50	100 mH ₂ O
Accuracy*	±0.5	±1.0	±2.5	±5.0 cmH ₂ O
Resolution	0.2	0.4	1.0	2.0 icmH ₂ O

* Typical accuracy