



The CTD-Diver is a robust instrument designed for monitoring water in some of the harshest settings. Its corrosion-proof ceramic casing makes it ideal for measuring saltwater intrusion, injected wastewater as well as contaminated water often found in landfill sites.

The CTD-Diver is equipped with a four-electrode connectivity sensor that measures electrical conductivity from 0 to 120mS/cm. You can choose to measure either true or specific conductivity at 25 °C. The CTD-Diver can also be used to measure and record water pressure and temperature.

Applications

- Water quality monitoring
- Pollution monitoring
- Mine tailings

Features

- Corrosion-proof ceramic casing
- 48,000 measurements memory
- 10 years battery life (dependent on usage)
- 1 second to 99 hours sample intervals
- Fixed, event dependent, averaging and pumping test sample methods
- Works from 300 metres below to 5000 metres above sea level

Specifications	
Length	135 mm
Diameter	22 mm
Weight	95 g
Memory	48,000
Battery Life	Up to 10 years (depending on usage)
Sample Interval	1 second to 99 hours
Sample Method	Fixed, event dependent, averaging and pumping test

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Wetted Parts	
Housing	Ceramic (ZrO ₂)
Conductivity sensor housing	Ceramic (ZrO ₂)
Conductivity sensor	Platinum electrodes on Al ₂ O ₃ ceramic carrier
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

Conductivity	
Range	0 to 30°C or 120mS/cm**
Calibrated	0 to 50 °C
Accuracy*	± 1% of reading
Resolution	0.1 % of reading

Pressure			
Model	11115901	11115902	11115903
Range	10	50	100 mH ₂ O
Accuracy*	± 0.5	± 2.5	± 5.0 cmH ₂ O
Resolution	0.2	1.0	2.0 cmH ₂ O

* Typical accuracy

** User adjustable