



CTD-Diver features:

- Compact housing ideal for small diameter wells
- Corrosion resistant ceramic sensor and housing
- Measures three parameters:
 - conductivity
 - temperature
 - pressure
- Various measurement methods:
 - fixed
 - average
 - event-dependent
 - pumping test
- Battery life capable of 2 million readings

CTD-Diver

Groundwater monitoring for Diverse environments



CTD-Diver datalogger shown with Diver-Pocket* software

Applications:

- Aquifer recharge monitoring
- Saltwater intrusion monitoring
- Monitoring water quality and quantity at mine sites
- Monitoring water level and salinity of reclaimed water

Overview

Where there is a need to monitor not only groundwater levels but also saltwater intrusion, injected wastewater, or migration of contaminants or mine tailings, the CTD-Diver* is the instrument of choice. In addition to the pressure and temperature sensor, the CTD-Diver has a four-electrode ceramic sensor for accurately reading conductivity up to 120 mS/cm. There are two options for measuring conductivity: displaying measured conductivity or specific conductivity at 25 °C.

With an improved compact ceramic housing, CTD-Diver is ideal for small diameter wells. The expanded non-volatile memory will store up to 48000 measurements of water level, temperature, and conductivity with date and time. CTD-Diver is integrated with field acquisition accessories and desktop software.

Specifications

Temperature

range / compensated -20 °C to 80 °C / 0 °C to 50 °C
 accuracy¹ ±0.1 °C
 resolution 0.01 °C

Conductivity

range 10 µS/cm to 120 mS/cm
 accuracy¹ ± 1.0 % of reading
 resolution ± 0.1 % of reading

Pressure

Type	DI 271	DI 272	DI 273
Range	10 m H2O	50 m H2O	100 m H2O
accuracy ¹	±0.5 cm H2O	±2.5 cm H2O	±5.0 cm H2O
resolution	0.2 cm H2O	1.0 cm H2O	2.0 cm H2O

¹typical accuracy. Baro-Diver is required for barometric compensation
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