

CTD-Diver

3 Parameters in 1 Housing

Where there is a need to monitor groundwater levels and saltwater intrusion, injected wastewater, or contamination from chemical discharges and landfill sites, the CTD-Diver with its rugged, corrosion proof ceramic housing, is the instrument of choice.

The CTD-Diver is equipped with a four-electrode conductivity sensor that measures electrical conductivity from 0 to 120 mS/cm. There are two options for measuring conductivity: true or specific conductivity at 77 °F. Additionally, pressure and temperature are measured and recorded.

Technical Specification

Length	5.3 inch
Diameter	0.87 inch
Weight	3.4 ounce
Memory	48,000 measurements; fixed length memory

Wetted parts housing	ceramic (ZrO ₂)
o-rings	Viton ®
pressure sensor cap / nose cone	piezoresistive ceramic Nylon PA6 30% glass fiber / ABS
Battery life	up to 10 years (dependent on usage)
Sample interval	1 second to 99 hours
Sample methods	fixed, event dependent, averaging, and pumping test

Temperature

Range	-4 to 176	°F
Calibrated	32 to 122	°F
Accuracy*	± 0.18	°F
Resolution	0.018	°F

Conductivity

Range 1	0 to 120	mS/cm
Range 2	0 to 30	mS/cm
Accuracy*	± 1%	of reading
Resolution	0.1%	of reading

Pressure

Part number	DI 271	DI 272	DI 273	
Range	33	164	328	ftH ₂ O
Accuracy*	± 0.2	± 1.0	± 2.0	inH ₂ O
Resolution	0.02	0.07	0.14	inH ₂ O

*typical accuracy