



Instrument Expert Original factory packaging www.dorgean.com





## **Technology Sheet**

CTD-Diver – DI28x

## **Technical Specifications**

Length	135 mm				
Diameter	22 mm				
Weight	95 g				
Memory	144,000 measurements with backup; continuous and fixed length memory				
Wetted parts					
housing	ceramic (ZrO <sub>2</sub> )				
o-rings	Viton ®				
pressure sensor	piezoresistive ceramic (Al <sub>2</sub> O <sub>3</sub> )				
cap / nose cone	Nylon PA6 30% glass fiber				
conductivity sensor	platinum electrodes				
Battery life	10 years with 3 minutes or greater sample interval within the calibrated temperature range				
Sample interval	1 second to 99 hours				
Sample methods	fixed, event dependent, averaging, and pumping test				
Pressure					
Part number	DI 281	DI 282	DI 283	DI 284	
Range	10	50	100	200	$mH_2O$
Accuracy <sup>+</sup>	± 0.5	± 2.5	± 5.0	± 10.0	$cmH_2O$
Resolution	0.2	1.0	2.0	4.0	$cmH_2O$
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## Temperature

-20 to 80 °C 0 to 50 °C ± 0.1 °C 0.01 °C

⁺ typical

Range

Calibrated

Accuracy<sup>+</sup>

Resolution

- ± 1% of reading 0.1 % of reading
  - <sup>†</sup>user adjustable

Conductivity

0 to 30 or 120 mS/cm<sup>†</sup>



Actual size



M = membrane Dimensions in mm