

Intellical CDC401 Field 4-Poles Graphite Conductivity Cell, 10 m Cable

Product #:	**CDC40110**
AED Price:	Contact Hach
Available	

Intellical CDC401 is a digital, graphite, 4-pole conductivity cell with a temperature sensor. This Rugged CDC401 version is built with a stainless steel body ensuring sufficient weight to the probe for an easy outside handling, the sensing part is protected by a shroud, and the connection is ensured by strong and visible yellow coloured cable onto which you can clip depth markers (optional accessories), making the CDC401 rugged models specially designed for field use. CDC401 Rugged is available with a 5, 10, 15, or 30 meters cable. The CDC401 Rugged is ideal for measuring electrical conductivity, salinity, resistivity, or total dissolved solids (TDS) in all types of external environment such as river, surface and ground waters, ponds, lakes, sea, wastewater plant, source water, drinking water reservoir for water quality, environmental and treatment process purposes.

Intellical Rugged digital probes can reliably measure conductivity in the harshest environmental conditions
Stainless steel body, polymer sensor shroud, and reinforced, steel-sheathed cables protect the probe for measurement anywhere in the field.

Intellical digital probes provide ultimate traceability in measurement history
Stored time and date stamp for each measurement, operator and sample ID, calibration history, parameter, and probe serial number

Intellical CDC401 digital conductivity probes alert the user when re-calibration is needed
No guesswork needed to provide the most reliable and accurate results with each measurement.

Intellical CDC401 digital conductivity probes can be moved between meters without the need to re-calibrate or re-enter measurement settings
Ideal for a multi-user environment with multiple HQD series Laboratory and Portable meters.

Intellical CDC401 rugged digital conductivity probes are waterproof up to 30 meters for 24 hours (IP67 rating)

Specifications

Accuracy:	Salinity: ±0.1, ±1 digit
Cable length:	10 m
Electrode type:	Conductivity Cell; 4 Poles - Graphite
Kit?:	No
Length:	223 mm
Measuring range:	Conductivity: 0.0 µS/cm - 200 mS/cm TDS: 0.00 mg/L - 50.0 g/L as NaCl Salinity: 0 - 42 ppt or ‰ Resistivity: 2.5 Ωcm - 49 MΩcm
Method Type:	Field: 4 Poles - Graphite

Parameter:	Conductivity
Product Kit:	Model: CDC401 Accessories Included: None
Resolution:	0.01/0.1 (5 digits max.)
Sample depth:	45 mm
Sensor material:	Noryl / Stainless Steel
Sensor type :	4-poles conductivity probe, Graphite, k = 0.40 cm-1
Temperature accuracy:	±0.3 °C
Temperature range:	-10 - 110 °C
Temperature resolution:	0.1 °C
Test requirements:	Parameter Needed: Conductivity Minimum Sample Depth (mm): 45
Thermistor:	# (ATC)
Warranty:	12 months
Water Resistance:	IP67, waterproof for 24 hours at a depth of 30 meters
Weight:	1.1 kg
What's included?:	Intellical CDC401 Rugged Conductivity Cell, 10 m cable, protective shroud kit, Test certificate, and Basic User Manual.

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