



## Intellical CDC401 Laboratory 4-Poles Graphite Conductivity Cell, 3 m Cable

**Product #:** CDC40103  
**AED Price:** Contact Hach  
**Available**

Intellical CDC401 is a digital, graphite, 4-pole conductivity cell with a temperature sensor. The standard version is available with a 3 or 1 m cable and is intended for laboratory use. The CDC401 is ideal for measuring electrical conductivity, salinity, resistivity, or total dissolved solids (TDS) in wastewater, drinking water, or general water quality applications.

### **Intellical digital probes provide ultimate traceability in conductivity 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.

---

## Specifications

|                  |  |
|------------------|--|
| Accuracy:        | Salinity: $\pm 0.1$ , $\pm 1$ digit  |
| Cable length:    | 3 m  |
| Electrode type:  | Conductivity Cell;<br><br>4 Poles - Graphite   |
| Kit?:            | No   |
| Length:          | 184 mm   |
| Measuring range: | Conductivity: 0.0 $\mu\text{S}/\text{cm}$ - 200 $\text{mS}/\text{cm}$<br><br>TDS: 0.00 $\text{mg}/\text{L}$ - 50.0 $\text{g}/\text{L}$ as NaCl<br><br>Salinity: 0 - 42 ppt or ‰<br><br>Resistivity: 2.5 $\Omega\text{cm}$ - 49 $\text{M}\Omega\text{cm}$ |
| Method Type:     | Field: 4 Poles - Graphite  |
| Parameter:       | Conductivity   |
| Product Kit:     | Model: CDC401<br><br>Accessories Included: None  |
| Resolution:      | 0.01/0.1 (5 digits max.)   |
| Sample depth:    | 45 mm  |
| Sensor material: | Noryl  |

|                         |   |
|-------------------------|---|
| 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   |
| Weight:                 | 0.1 kg  |
| What's included?:       | Intellical CDC401 Laboratory Conductivity Cell, 3 m cable, Test certificate, and Basic User Manual. |

---

## What's included?

Intellical CDC401 Laboratory Conductivity Cell, 3 m cable, Test certificate, and Basic User Manual.