



## Intellical PHC201 Laboratory General Purposes Gel Filled pH Electrode, 1 m Cable

**Product #:** PHC20101  
**ZAR Price:** Contact Hach  
**Available**

Intellical PHC201 is a digital combination pH electrode with built-in temperature sensor. The PHC201 has a non-refillable semi-liquid gel-filled ceramic pin reference junction. This laboratory pH electrode is shockproof with its epoxy plastic body protecting down to the glass bulb sensing element. The electrode is available with a 3 or 1 m cable. The PHC201 pH electrode is recommended for general aqueous applications. PHC201 is not suitable for use with organic solvents, low ionic strength, wastewater, high solids or high alkaline sample types.

### Intellical PHC201 provides fast, stable response in water quality applications

Low maintenance gel electrolyte and ceramic pin junction for pH measurement in a variety of sample types.

### 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 digital probes alert the user when re-calibration is needed

No guesswork needed to provide the most reliable and accurate results with each measurement.

### Intellical digital 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.

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## Specifications

Accuracy:	±0.02 pH
Application:	Clean Samples
Cable Length:	1 m
Electrode Type:	Non-Refillable Gel Reference Element, semi-liquid gel
Junction:	Porous Pin Junction
Kit?:	No
Length:	175 mm
Method Type:	Laboratory: Non-Refillable Gel Reference Element, semi-liquid gel
Parameter:	pH
Product Kit:	Model: PHC201
	Accessories Included: None
Range:	0 - 14 pH
Reference system:	Ag/AgCl (double junction)
Resolution:	0.001/0.01/0.1
Sensor material:	Epoxy
Sensor Type :	pH Glass
Sodium (Alkalinity) error:	<20% at pH 14 in 1 M NaCl

Special Features:	General purpose. Clean water samples.
Temperature Accuracy:	±0.3 °C
Temperature Range:	0 - 80 °C
Temperature resolution:	0.1 °C
Test requirements:	Parameter Needed: pH
	Minimum Sample Depth (mm): 15
Thermistor :	ATC
Warranty:	6 months
Weight:	0.1 kg
What's included?:	Intellical PHC201 Laboratory pH electrode with storage soaker bottle, 1 m cable, Test certificate, and Basic User Manual.

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