



## Intellical PHC101 Laboratory Low Maintenance Gel Filled pH Electrode, 1 m Cable

**Product #:** PHC10101  
**ZAR Price:** Contact Hach  
**Available**

Intellical PHC101 is a digital combination pH electrode with built-in temperature sensor. PHC101 has low maintenance needs thanks to a non-refillable gel-filled single open reference junction. The laboratory version of this 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 PHC101 electrode is ideal for measuring pH in wastewater, drinking water and general aqueous applications. The PHC101 is not suitable for use with organic solvents or samples with pH less than 2.

### Intellical PHC101 provides fast, stable response in wastewater applications

Unique solid gel probe and open reference junction specifically designed for pH measurement in wastewater.

### Intellical digital pH probe provides ultimate traceability in measurement history

Stored time and date stamp for each measurement, operator and sample ID, calibration history, parameter, and pH probe serial number

### Intellical digital pH probe alerts the user when re-calibration is needed

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

### Intellical digital pH probe 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 & Dirty Samples
Cable Length:	1 m
Electrode Type:	Non-Refillable Gel Reference Element
Junction:	Open Junction
Kit?:	No
Length:	175 mm
Method Type:	Field: Non-Refillable Gel Reference Element
Parameter:	pH
Product Kit:	Model: PHC101
	Accessories Included: None
Range:	2 - 14 pH
Reference system:	Ag/AgCl
Resolution:	0.001/0.01/0.1
Sensor material:	Epoxy
Sensor Type :	pH Glass

Sodium (Alkalinity) error:	-0.6 pH at pH 12.6 in 1 M NaOH
Special Features:	Double junction reference
Temperature Accuracy:	±0.3 °C
Temperature Range:	0 - 50 °C
Temperature resolution:	0.1 °C
Test requirements:	Parameter Needed: pH
	Minimum Sample Depth (mm): 20
Thermistor :	ATC
Warranty:	6 months
Weight:	0.1 kg
What's included?:	Intellical PHC101 Laboratory pH electrode with storage soaker bottle, 1 m cable, Test certificate, and Basic User Manual.

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