

Intellical PHC301 Laboratory General Purposes Refillable pH Electrode, 1 m Cable

Product #:	**PHC30101**
AED Price: Available	Contact Hach

Intellical PHC301 is a digital combination pH electrode with built-in temperature sensor. The PHC301 is refillable with two ceramic pins reference junction. This laboratory pH electrode is shockproof with its Zeonor plastic body protecting down to the glass bulb sensing element. The electrode is available with a 3 or 1 m cable. The PHC301 refillable combination pH electrode is recommended for wastewater, drinking water and general aquous applications. The PHC301 is not suitable for use with organic solvents. A 28-mL bottle of reference electrolyte filling solution (3 M KCl solution saturated with AgCl) is included with the probe.

Intellical digital probes are factory calibrated
Ready to test right out of the box.

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 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 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:	±0.02 pH
Application:	Clean & Dirty Samples
Cable length:	1 m
Electrode type:	Refillable Reference Element
Filling solution:	3 M KCl solution saturated with AgCl (#2841700)
Junction:	Porous Pin Junction
Kit?:	No
Length:	175 mm
Measuring range:	0 - 14 pH
Method Type:	Laboratory: Refillable Reference Element
Parameter:	pH
Product Kit:	Model: PHC301
	Accessories Included: None
Reference system:	Ag/AgCl
Resolution:	0.001/0.01/0.1
Sample depth:	15 mm

Sensor material:	Zeonor
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): 15
Thermistor:	# (ATC)
Warranty:	12 months
Weight:	0.1 kg
What's included?:	Intellical PHC301 Laboratory pH electrode with storage soaker bottle, 1 m cable, 28-mL bottle reference electrolyte filling solution (3 M KCl solution saturated with AgCl), Test certificate, and Basic User Manual.

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Required Accessories

- Filling Solution, Reference, 3 M KCl with AgCl, 100 mL (Item S21M004)
- Filling Solution, Reference, 3 M KCl with AgCl, 28 mL (Item 2841700)