

pH Edge Electrode | HI-12301

Ideal for field applications

The HI-12301 is a smart pH electrode for use with the HI-2020 Edge hybrid meter.

This electrode features a built-in microchip that stores sensor type, ID, and calibration information that is automatically retrieved by Edge once the electrode is plugged in.

Stored pH calibration information includes: calibrated buffers, date, time, offset and slope characteristics of the electrode.

The HI-12301 features an easy to plug in 3.5mm connector and is recommended for use in field applications.

When HI-12301 is used with Edge the impedance of the pH measuring electrode is checked in real-time to notify you in the event of glass breakage. During calibration Sensor Check™ technology checks the state of the junction. The reference junction is also evaluated and reported on the display.

- diam: 12mm
- length: 120mm
- temp: -5 to 70°C
- max pressure: 2 bar

Recommended use

- field applications

Ordering Information

pH Edge Electrode | HI-12301

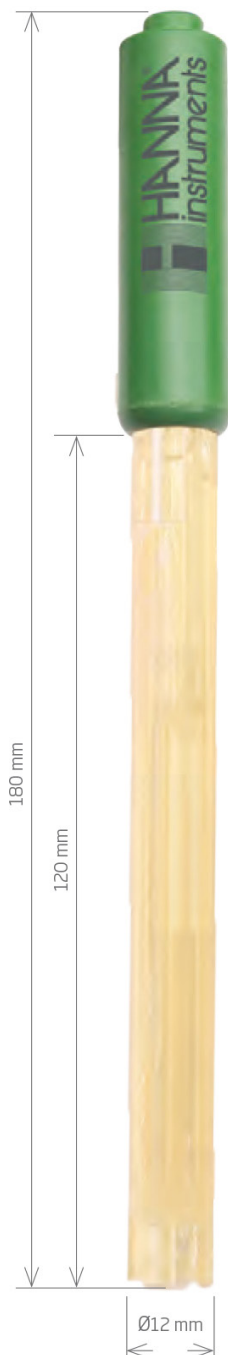
supplied with 3.5mm connector and 1m cable

Electrode Storage Solutions

electrode storage solution (500 mL) HI-70300L
 electrode storage solution (230 mL) HI-70300M

Specifications

Product Code	HI-12301
Reference	double, Ag/AgCl
Junction/Flow Rate	ceramic, single / 15-20 µL/h
Electrolyte	gel
Max Pressure	2 bar
Range	pH: 0 to 13
Recommended Operating Temp.	-5 to 70°C (23 to 158°F) - GP
Tip/Shape	spheric (dia: 7.5 mm)
Temperature Sensor	yes
Matching Pin	yes
Amplifier	yes
Body Material	PEI
Cable	1 m (3.3')
Connection	3.5 mm jack



Sensor Check™

3.5mm Connection



Authorised distributor