

pH Edge Electrode with Sensor Check™ | HI-11311

Ideal for general laboratory use

The HI-11311 is a smart pH electrode with Sensor Check™ 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-11311 features an easy to plug in 3.5mm connector and is recommended for use in laboratories and as a general purpose pH electrode.

When HI-11311 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 100°C
- max pressure: 0.1 bar

Recommended use

- laboratory general purpose
- beer

Ordering Information

pH Edge Electrode with Sensor Check™ | HI-11311
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

Electrode Fill Solutions

electrolyte solution, 3.5M KCl (30 mL) HI-7082
electrolyte solution, 3.5M KCl (230 mL) HI-7082M
electrolyte solution, 3.5M KCl (460 mL) HI-7082L

Specifications

Product Code	HI-11311
Reference	double, Ag/AgCl
Junction/Flow Rate	ceramic, single / 15-20 µL/h
Electrolyte	KCl 3.5M
Max Pressure	0.1 bar
Range	pH: 0 to 13
Recommended Operating Temp.	-5 to 100°C (23 to 212°F) - HT
Tip/Shape	spheric (dia: 9.5 mm)
Temperature Sensor	yes
Matching Pin	yes
Amplifier	yes
Body Material	glass
Cable	1 m (3.3')
Connection	3.5 mm jack



3.5mm Connection



Authorised distributor