

PH-101

SPEAR TIP | INTERMEDIATE JUNCTION | RANGER



Featuring a spear bulb tip, this sensor is able to directly penetrate food items such as meats, cheeses, and dairy products. This sensor uses an intermediate junction to reduce contamination of the reference. Factory-calibrated, integrated temperature simplifies measurement and calibration, saving time and reducing errors. Designed to be calibrated in multiple buffer sets and with built-in health tracking, giving you full flexibility and full transparency.

- Intermediate junction design
- Integrated temperature
- Protective wetting cap
- Spear tip for direct insertion
- Great for meat, dairy, produce.

Compatible with RANGER HANDHELD

pH Range	0 - 14 pH
pH Resolution	0.01 pH
pH Accuracy	±0.01 pH (calibration-dependent)
pH Response Time	< 30 seconds to 95% of full response
pH Sensor Type	Intermediate junction (refillable) Ground glass Ag/AgCl - Spear Tip
Calibration Buffer Sets	USA, NIST, NIST10, Auto Buffer Recognition
Temperature Sensor	Integrated
Temperature Sensor Resolution	0.1 °C
Temperature Sensor Accuracy	±0.2 °C
Sensor Body Material	Polycarbonate
Sensor Wetted Material	Polypropylene
Operating Temperature Range	0 - 60°C
Weight	93 grams
Size	12mm (sensor diameter) 25mm (cap diameter) 252mm (length)
Ingress Protection	IP67

