

# PH-102

BULLET TIP | INTERMEDIATE JUNCTION | RANGER



The PH-102 sensor is an ideal choice for pH testing in slurries, agriculture, and wastewater. This sensor uses an intermediate junction to provide stability, resistance to contamination, and resistance to clogging when dealing with organic-rich or mineral-heavy samples. Factory-calibrated, this sensor simplifies measurement and calibration, saving time. Designed to be calibrated in multiple buffer sets and with built-in health tracking, giving you full flexibility and full transparency.

- Intermediate junction design
- Bullet sensor tip
- Integrated temperature
- Protective wetting cap
- Great for wastewater + slurries
- Handles mineral-heavy samples

## 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 - Bullet 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

