

# PH-104

BULLET TIP | DOUBLE JUNCTION | RANGER



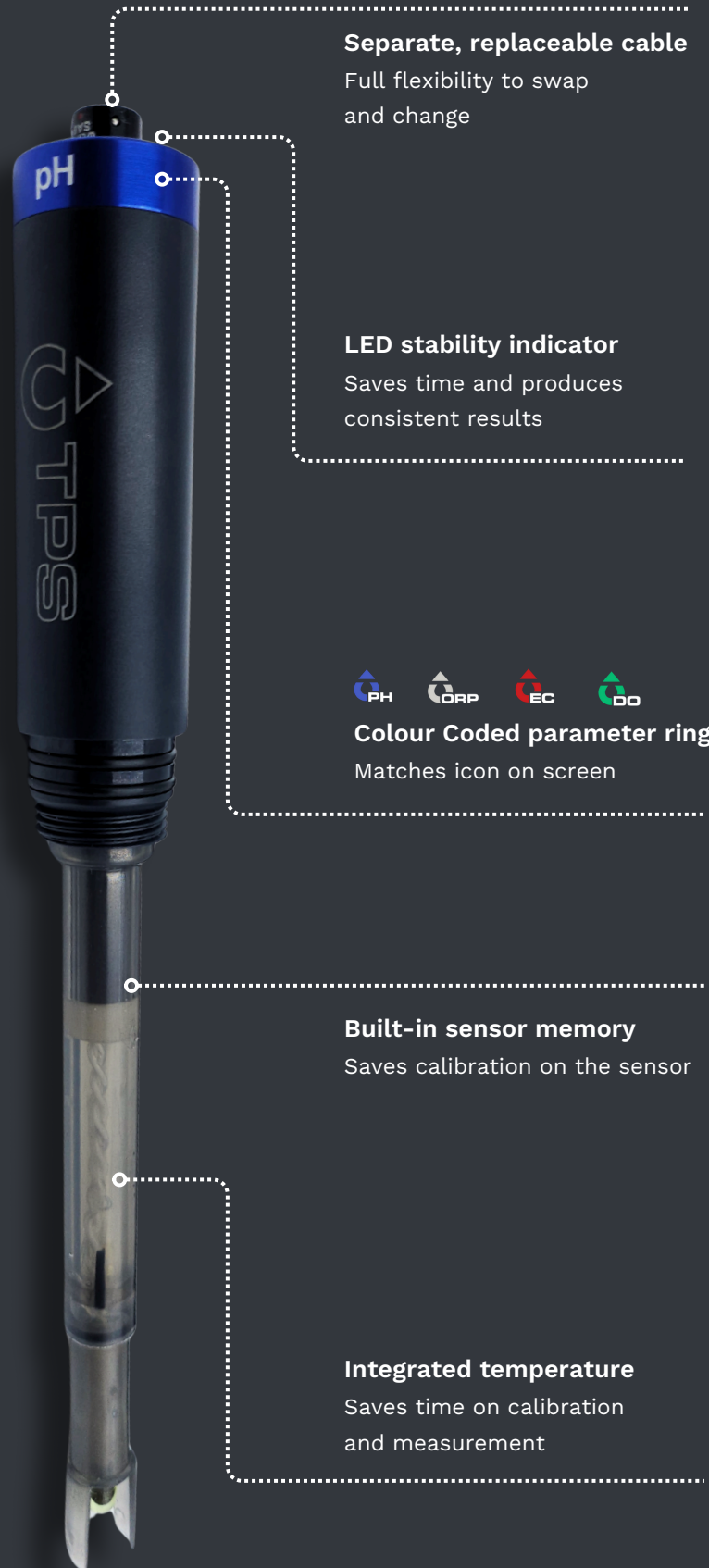
The PH-104 sensor is an ideal choice for pH testing in water-based high-solids applications such as in environmental fieldwork, mining, wastewater management, and aquaculture.

Featuring a bullet tip, this sensor can handle water samples containing sediment and other foreign materials. This sensor uses two junctions to reduce contamination of the reference. Designed to be calibrated in multiple buffer sets and with built-in health tracking, giving you full flexibility and full transparency.

- Double junction design
- Integrated temperature
- Protective wetting cap
- Great for fieldwork
- Highly robust bullet bulb

## 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	Double junction (sealed) Teflon 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	Epoxy
Operating Temperature Range	0 - 80 °C
Weight	93 grams
Size	12mm (sensor diameter) 25mm (cap diameter) 252mm (length)
Ingress Protection	IP67



**Separate, replaceable cable**  
Full flexibility to swap and change

**LED stability indicator**  
Saves time and produces consistent results



**Colour Coded parameter ring**  
Matches icon on screen

**Built-in sensor memory**  
Saves calibration on the sensor

**Integrated temperature**  
Saves time on calibration and measurement