

EC-100

4-POLE | CONDUCTIVITY | RANGER

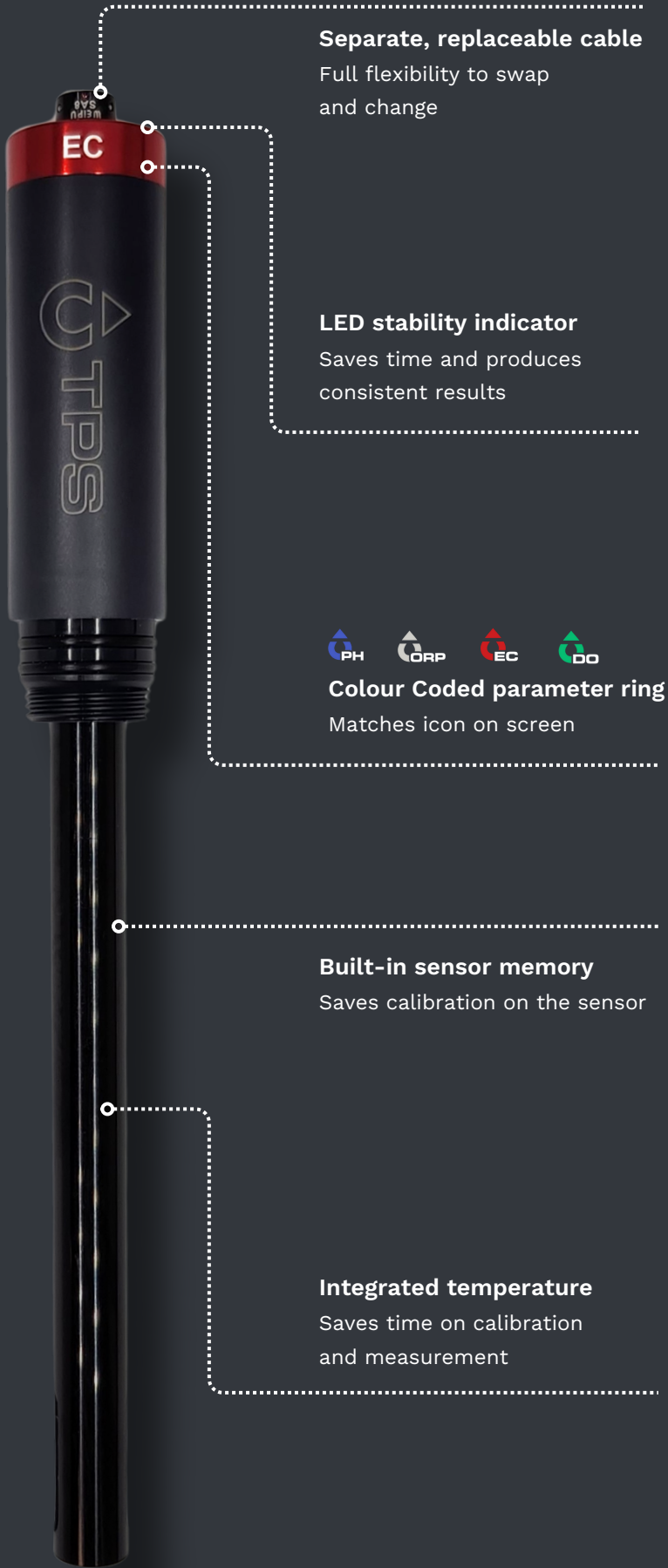


Designed for the real world, the EC-100 conductivity sensor is ready for the harshest environments. Contamination? No problem. rinse, wipe, scrub. Clean it any way you need to get back to work. No fragile sensing plates, no glass. Zero EC and temperature calibration handled at the TPS factory. Sensor health tracking and the option for multiple calibration points gives you transparency and flexibility.

- Ready for fieldwork
- Easy to clean
- Graphite sensing surface
- Integrated temperature
- 4-pole, bullseye sensing
- Wide-range, low noise
- Auto-ranging

Compatible with RANGER HANDHELD

EC Range	0 - 200 mS/cm
TDS Range	0 - 100 g/L (100ppt)
Salinity Range	0.00 to 80.00 ppt 0.000 to 8.000 %
Resolution	Auto Ranging Up to 4 Significant Digits
Accuracy	0.5% of Max Range Value
EC Sensor Type	4 Cell Graphite K 0.42
Calibration Points	Up to 4 Points Auto Detection
Temperature Sensor	Integrated
Temperature Sensor Resolution	0.1 °C
Temperature Sensor Accuracy	±0.2 °C
Sensor Body Material	Polycarbonate
Sensor Wetted Material	Epoxy and Stainless
Operating Temperature Range	0 - 80 °C
Weight	82 grams
Size	25mm (Dia), Length- 252mm (L)
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