

EC59 PRO



PRO Conductivity / TDS / Temperature Meter with replaceable electrode

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Description

EC59 PRO Pocket-size Conductivity / TDS / Temperature Meter with replaceable electrode

This new waterproof Pocket-size EC/TDS/Temp Meter include features such as a replaceable probe, temperature in °C or °F, automatic temperature compensation with adjustable β , battery level indicator, stability indicator, automatic shut-off and automatic calibration all in a floating, waterproof casing.

EC59 shows on the dual-level LCD the EC (3999 $\mu\text{S}/\text{cm}$) or TDS (2000 ppm) value. It also displays the temperature from 0.0 to 60.0°C (or 32.0 to 140.0°F) on the secondary level at the same time.

Specification	EC59
Range	EC 3999 $\mu\text{S}/\text{cm}$ TDS 2000 ppm Temp 0.0 to 60.0°C / 32.0 to 140.0°F
Resolution	EC 1 $\mu\text{S}/\text{cm}$ TDS 1 ppm Temp 0.1°C / 0.1°F
Accuracy	EC $\pm 2\%$ Full Scale TDS $\pm 2\%$ Full Scale Temp $\pm 0.5^\circ\text{C} / \pm 1^\circ\text{F}$
Typical EMC Deviation	EC $\pm 2\%$ Full Scale TDS $\pm 2\%$ Full Scale Temp $\pm 0.5^\circ\text{C} / \pm 1^\circ\text{F}$
Calibration	automatic, 1 point
Temperature compensation	automatic, with $\beta=0.0$ to $2.4^\circ/\text{C}$
Probe	Mi59P (replaceable)
Environment	0 to 50°C, 100% max. RH
Battery Type	4 x 1.5V, EC LR44, A76, alkaline
Battery Life	approx. 100 hours of continuous use
Auto-off	after 8 minutes of non-use
Packaging dimensions / weight	254 x 67 x 47 mm / 180 g

Accessories:

- **Mi59P** Replaceable probe for EC59 & EC60
- **M10031B** 1413 $\mu\text{S}/\text{cm}$ calibration solution, 20 mL sachet, 25 pcs.
- **MA9061** 1413 $\mu\text{S}/\text{cm}$ calibration solution, 230 mL bottle

Ordering information:

EC59 is supplied complete with protective cap, 20 mL 1413 $\mu\text{S}/\text{cm}$ sachet of calibration solution, batteries and instructions in a plastic tube.