

EC59 PRO/EC60 PRO Pocket-size EC/TDS/Temp Meters



Water-resistant pocket-size EC/TDS/Temp meters include features such as 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, water-resistant casing.

EC59 PRO 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.

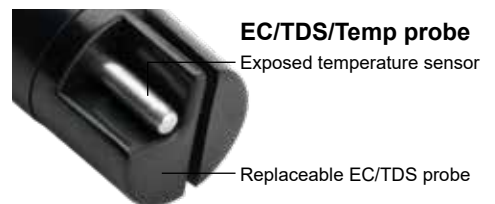
EC60 PRO shows on the dual-level LCD the EC (20.00 mS/cm) or TDS (10.00 ppt) value. It also displays the temperature from 0.0 to 60.0°C (or 32.0 to 140.0°F) on the secondary level at the same time.

| Specifications | EC59 PRO | EC60 PRO |
|---------------------------------|--|---|
| Range | EC 3999 $\mu\text{S}/\text{cm}$ TDS 2000 ppm Temp 0.0 to 60.0°C / 32.0 to 140.0°F | 20.00 mS/cm 10.00 ppt 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 | 0.01 mS/cm 0.01 ppt 0.1°C / 0.1°F |
| Accuracy (@20°C) | EC $\pm 2\%$ Full Scale TDS $\pm 2\%$ Full Scale Temp $\pm 0.5^\circ\text{C} / \pm 1^\circ\text{F}$ | $\pm 2\%$ Full Scale $\pm 2\%$ Full Scale $\pm 0.5^\circ\text{C} / \pm 1^\circ\text{F}$ |
| Typical EMC Deviation | EC $\pm 2\%$ Full Scale TDS $\pm 2\%$ Full Scale Temp $\pm 0.5^\circ\text{C} / \pm 1^\circ\text{F}$ | $\pm 2\%$ Full Scale $\pm 2\%$ Full Scale $\pm 0.5^\circ\text{C} / \pm 1^\circ\text{F}$ |
| Calibration | automatic, 1 point with 1413 $\mu\text{S}/\text{cm}$ calibration solution | automatic, 1 point with 12880 $\mu\text{S}/\text{cm}$ calibration solution |
| Temperature Compensation | automatic, with $\beta=0.0$ to 2.4%/°C | automatic, with $\beta=0.0$ to 2.4%/°C |
| Probe | MI59P (replaceable) | MI59P (replaceable) |
| Environment | 0 to 50°C / 32 to 122°F; max RH 100% | 0 to 50°C / 32 to 122°F; max RH 100% |
| Battery Type | 4 x 1.5V; IEC LR44, A76 (included) | 4 x 1.5V; IEC LR44, A76 (included) |
| Battery Life | approx. 100 hours of use | approx. 100 hours of use |
| Auto-off | after 8 minutes of non-use | after 8 minutes of non-use |
| Packaging dimensions | 254 x 67 x 47 mm | 254 x 67 x 47 mm |
| Packaging weight | 180 g | 180 g |

Accessories

- MI59P** Replaceable probe for EC59 & EC60
- M10000B** Rinse solution, 20 mL sachet, 25 pcs
- M10030B** 12880 $\mu\text{S}/\text{cm}$ calibration solution, 20 mL sachet, 25 pcs
- M10031B** 1413 $\mu\text{S}/\text{cm}$ calibration solution, 20 mL sachet, 25 pcs
- M10032B** 1382 ppm (mg/L) calibration solution, 20 mL sachet, (25 pcs)

- M10038B** 6.44 ppt (g/L) calibration solution, 20 mL sachet, (25 pcs)
- MA9060** 12880 $\mu\text{S}/\text{cm}$ calibration solution, 230 mL bottle
- MA9061** 1413 $\mu\text{S}/\text{cm}$ calibration solution, 230 mL bottle
- MA9016** Cleaning solution, 230 mL bottle
- MA753** Hard carrying case for 2 testers



EC/TDS/Temp probe

Exposed temperature sensor

Replaceable EC/TDS probe

Ordering Information

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

EC60 PRO is supplied in a carton box complete with protective cap, 20 mL 12880 $\mu\text{S}/\text{cm}$ sachet of calibration solution, batteries and instructions.

Optionally **EC59 PRO** and **EC60 PRO** is also available in a kit (**Mi5559** or **Mi5560**) together with **pH55 PRO** pH/Temp Meter.

Replaceable probe
Replace the probe in a fast and simple way yourself!
Just unscrew the plastic ring on the top of the probe and replace the probe with a new one.

