

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

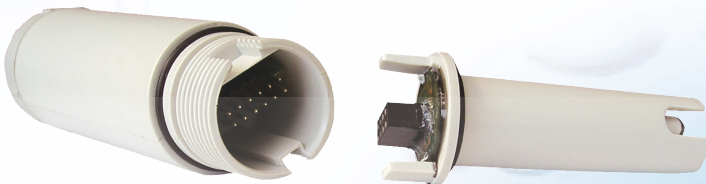
- Years warranty 2
- ATC
- IP67
- Dual Display
- Self diagnostics
- CE



These new waterproof Pocket-size EC/TDS/Temp Meters include features such as a replaceable probe, temperature in °C or °F, automatic temperature compensation with adjustable  $\beta$ , 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  $\mu$ S/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** 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

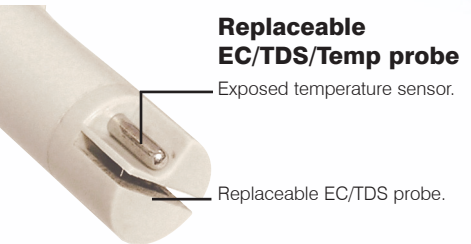
|                          |                   |  |  |
|--------------------------|-------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
|                          |                   | EC59                                                                                | EC60                                                                                |
| Range                    | EC<br>TDS<br>Temp | 3999 $\mu$ S/cm<br>2000 ppm<br>0.0 to 60.0°C / 32.0 to 140.0°F                      | 20.00 mS/cm<br>10.00 ppt<br>0.0 to 60.0°C / 32.0 to 140.0°F                         |
| Resolution               | EC<br>TDS<br>Temp | 1 $\mu$ S/cm<br>1 ppm<br>0.1°C / 0.1°F                                              | 0.01 mS/cm<br>0.01 ppt<br>0.1°C / 0.1°F                                             |
| Accuracy (@20°C)         | EC<br>TDS<br>Temp | 2% Full Scale<br>2% Full Scale<br>$\pm 0.5^\circ\text{C}$ / $\pm 1^\circ\text{F}$   | 2% Full Scale<br>2% Full Scale<br>$\pm 0.5^\circ\text{C}$ / $\pm 1^\circ\text{F}$   |
| Typical EMC Deviation    | EC<br>TDS<br>Temp | 2% Full Scale<br>2% Full Scale<br>$\pm 0.5^\circ\text{C}$ / $\pm 1^\circ\text{F}$   | 2% Full Scale<br>2% Full Scale<br>$\pm 0.5^\circ\text{C}$ / $\pm 1^\circ\text{F}$   |
| Calibration              |                   | automatic, 1 point                                                                  | automatic, 1 point                                                                  |
| 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                                                          |
| Dimensions               |                   | 200 x dia 38 mm                                                                     | 200 x dia 38 mm                                                                     |
| Weight                   |                   | 100 g                                                                               | 100 g                                                                               |

Easy to read Display

Dual level LCD displays EC/TDS and temperature.



Replaceable EC/TDS/Temp probe



Accessories

- MI59P** Replaceable probe for EC59 & EC60
- M10030B** 12880  $\mu$ S/cm calibration solution, 20 mL sachet, 25 pcs
- M10031B** 1413  $\mu$ S/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  $\mu$ S/cm calibration solution, 230 mL bottle
- MA9061** 1413  $\mu$ S/cm calibration solution, 230 mL bottle
- MA9016** Cleaning solution, 230 mL bottle
- M10000B** Rinse solution, 20 mL sachet, 25 pcs

Ordering Information

**EC59** is supplied complete with protective cap, 20 mL 1413  $\mu$ S/cm sachet of calibration solution, hard carrying case, batteries and instructions.

**EC60** is supplied complete with protective cap, 20 mL 12880  $\mu$ S/cm sachet of calibration solution, hard carrying case, batteries and instructions.