



EC59/EC60

Pocket-size EC/TDS/Temp Meters

These new water-resistant Pocket-size EC/TDS/Temp Meters 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, water-resistant 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.

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	3999 $\mu\text{S}/\text{cm}$	20.00 mS/cm
	TDS	2000 ppm	10.00 ppt
	Temp	0.0 to 60.0°C / 32.0 to 140.0°F	0.0 to 60.0°C / 32.0 to 140.0°F
Resolution	EC	1 $\mu\text{S}/\text{cm}$	0.01 mS/cm
	TDS	1 ppm	0.01 ppt
	Temp	0.1°C / 0.1°F	0.1°C / 0.1°F
Accuracy (@20°C)	EC	2% Full Scale	2% Full Scale
	TDS	2% Full Scale	2% Full Scale
	Temp	$\pm 0.5^\circ\text{C} / \pm 1^\circ\text{F}$	$\pm 0.5^\circ\text{C} / \pm 1^\circ\text{F}$
Typical EMC Deviation	EC	2% Full Scale	2% Full Scale
	TDS	2% Full Scale	2% Full Scale
	Temp	$\pm 0.5^\circ\text{C} / \pm 1^\circ\text{F}$	$\pm 0.5^\circ\text{C} / \pm 1^\circ\text{F}$
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

Ordering Information

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

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

Packaging Information

EC59 and **EC60** can be supplied in a carton box or in a tubular plastic casing. Optionally **EC59** and **EC60** is also available in a kit (**Mi5559** or **Mi5560**) together with pH55 pH/Temp Meter.



EC/TDS/Temp probe

Exposed temperature sensor

Replaceable EC/TDS probe

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.



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