

EC400S Portable Conductivity Meter with GLP Data Management



Main Features

- Measurement of EC, TDS, and temperature (accuracy: $\pm 1.0\%$ F.S, range: 0 to 200 mS; 0 to 50 °C)
- Equipped with the 2301T-S BPB conductivity electrode with integrated temperature measurement
- Water- and dust-protected (IP57) for harsh environments
- Fast and easy 1- to 4-point calibration
- Large backlit LCD simultaneously shows the pH value and temperature, plus additional measurement and calibration information
- Self-diagnosis assists with calibration and troubleshooting
- GLP data management (500 memory groups) with data output via USB, including real-time logging

Technical Parameters

Conductivity (EC)	Measuring range	EC: 0 to 200 mS/cm, divided into 5 ranges: (0,00 – 19,99) μ S/cm; (20,0 – 199,9) μ S/cm; (200 – 1999) μ S/cm; (2,00 – 19,99) mS/cm; (20,0 – 199,9) mS/cm TDS: 0 to 100 g/l Salinity: 0 to 100 ppt Resistivity: 0 to 100 M Ω cm
	Resolution	0,01 / 0,1 / 1 μ S cm-1; 0,01 / 0,1 mS cm-1
	Accuracy	$\pm 1,0\%$ F.S ± 1 digit
	Cell constant	0,1 / 1 / 10 cm-1
	Temp.-Compensation	0 to 50 °C (automatic or manual)
Temperature	Measuring range	0 to 100 °C
	Resolution	0,1 °C
	Accuracy	$\pm 0,5$ °C ± 1 digit
Other	Memory capacity	500 groups
	Stored values	Number, date, time, reading, unit, temperature
	Data output	USB
	Electrode connector	8-pin
	Power supply	4 $\times$ AA Batteries
	IP rating	IP57
	Dimensions	86 $\times$ 196 $\times$ 33 mm (with carrying case: 360 $\times$ 275 $\times$ 88 mm)
	Weight	335 g (with carrying case 1,5 kg)

What's in the Kit

EC400S Meter	1
2301T-S electrode, 1 m cable	1
Calibration solution 84 μ S/cm (50 ml)	1
Calibration solution 1413 μ S/cm (50 ml)	1
Calibration solution 12,88 mS/cm (50 ml)	1
USB cable	1
PC-Link software	1
Manual	1
Carrying case	1