

EC700 Benchtop Conductivity Meter



Main Features

- Includes the 2301T-F electrode for conductivity and temperature measurement, with automatic temperature compensation
- Automatic calibration mode with on-screen calibration guidance and self-diagnosis
- Modern digital technology delivers fast and stable readings
- Electrode holder and calibration solutions included
- Splash-proof (IP54 rating)



Technical Parameters

Conductivity	Measuring range	Total: 0 to 200,0 mS/cm; 0 – 199,9 µS/cm; 200 – 1999 µS/cm; 2,00 – 19,99 mS/cm; 20,0 – 199,9 mS/cm
	Resolution	0,1/1 µS/cm; 0,01/0,1 mS/cm
	Accuracy	±1,0 % FS (±1 digit)
	Calibration Points	Automatic 1- to 4-point calibration
	Temp.-Compensation	0 to 50 °C (automatic or manual)
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	Temp. coefficient	0,00 to 9,99 %/ °C, default: 2,00 %/ °C
	Electrode connector	BNC
TDS	Measuring range	Total (0-100) g/l: (0-99,9) mg/l; (100-999) mg/l; (1,00-9,99) g/l; (10,0-100,0) g/l
	Resolution	0,1/1 mg/l, 0,01/0,1 g/l
	Accuracy	±1,0 % FS ±1 digit
Temperature	Measuring range	0 to 100 °C
	Resolution	0,1 °C
	Accuracy	±0,5 °C ± 1 digit
	Connector	RCA
Other	Memory capacity	50 groups
	Stored values	Number, reading, unit, temperature
	Power adapter	DC 9 V/ 300 mA
	IP rating	IP54
	Dimensions	24 × 23,5 × 10,3 cm (with case 30 × 25 × 8 cm)
	Weight	1 kg (with case 1,4 kg)

What's in the Kit

EC700 Conductivity Meter	1
2301T-F conductivity electrode	1
84 µS/cm Calibration solution (50ml)	1
1413 µS/cm Calibration solution (50ml)	1
12,88 mS/cm Calibration solution (50ml)	1
Electrode holder	1
Power adapter	1
Manual	1