

EC820 Precision Benchtop Conductivity Meter



Main Features

- Includes the 2401T-F glass conductivity electrode for stable, reliable, and highly precise measurements
- High precision with an accuracy of $\pm 0,5\%$ across the entire measuring range from 0 to 2000 mS/cm
- Fast and easy 1- to 4-point calibration with automatic standard solution recognition
- Large backlit LCD simultaneously shows conductivity/TDS/salinity/ resistivity and temperature, plus additional measurement and calibration information
- The meter features non-linear automatic temperature compensation for pure water measurements
- GLP data management (500 memory groups) with data output via USB
- Self-diagnosis indicates the condition of the electrode



Technical Parameters

Conductivity (EC)	Measuring range	Total: 0 to 2000 mS/cm 0,00 to 19,99 µS/cm 20,0 to 199,9 µS/cm 200 to 1999 µS/cm 2,00 to 19,99 mS/cm 20,0 to 199,9 mS/cm TDS: 0 to 100 g/l Salinity: 0 to 100 ppt Resistivity: 0 to 100 MΩ*cm
	Resolution	0,01 µS/cm; 0,1 µS/cm; 1 µS/cm; 0,01mS/cm; 0,1 mS/cm; 1mS/cm
	Accuracy	±0,5 % F.S. ± 1 digit
	Temp.-Compensation	0 to 50 °C (automatic or manual)
	Cell constant	0,1/1/10 cm-1
	Electrode connector	BNC
Temperature	Measuring range	-10 to 110 °C
	Resolution	0,1 °C
	Accuracy	±0,4 °C ± 1 digit
	Electrode connector	RCA
Other	Memory capacity	500 groups
	Stored values	Number, date, time, reading, unit, temperature
	Data output	USB, PC-Link software
	Power adapter	DC 9 V/300 mA
	IP rating	IP54 (protected against dust and splashing water)
	Dimensions	240 × 235 × 103 mm (with packaging 270 × 250 × 180 mm)
	Weight	1 kg (with packaging 3,2 kg)

What's in the Kit

EC820 Conductivity Meter	1
2401T-F conductivity electrode	1
602 Electrode holder	1
Standard solutions (84 µS/cm; 1413 µS/cm; 12,88 mS/cm)	1 each
USB cable	1
PC-Link software	1
Manual	1
Power adapter	1