

PC820 Precision Benchtop pH/Conductivity Meter



Main Features

- Includes the high-quality LabSen 211 pH glass electrode and the 2401T-F conductivity electrode for maximum precision
- Fast and easy calibration with automatic standard solution recognition
- Large backlit LCD simultaneously shows pH/conductivity and temperature, plus additional measurement and calibration information
- GLP data management (1000 memory groups) with data output via USB
- Self-diagnosis indicates the condition of the pH electrode
- IP rating: IP54 (protected against dust and splashing water)



What's in the Kit

PC820 Multi-Parameter Meter	1
LabSen 211 pH electrode + 2401T-F conductivity electrode + MP500 temperature sensor	1 each
602 Electrode holder	1
pH calibration solutions (pH 4,00; pH 7,00; pH 10,01), 50 ml each	1 each
Standard solutions (84 μ S/cm; 1413 μ S/cm; 12,88 mS/cm)	1 each
USB cable	1
PC-Link software	1
Manual	1
Power adapter	

Technical Parameters

pH	Measuring range	-2,00 to 19,00
	Resolution	0,1/0,01/0,001
	Accuracy	$\pm 0,002 \pm 1$ digit
	Calibration	Automatic 1- to 3-point calibration
	Input current	$\leq 10^{-12}$ A
	Input impedance	$\geq 3 \times 10^{12} \Omega$
	Stability	$\pm 0,002 \pm 1$ digit / 3 hours
mV	Temp.-Compensation	0 to 100 °C (automatic or manual)
	Measuring range	± 1999 mV
	Resolution	0,1 mV
Conductivity	Accuracy	0,03 % F.S. ± 1 digit
	Measuring ranges	Total: 0 to 2000 mS/cm 0,00 to 19,99 μ S/cm 20,0 to 199,9 μ S/cm 200 to 1999 μ S/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 M Ω *cm
	Resolution	0,01 μ S/cm; 0,1 μ S/cm; 1 μ S/cm; 0,01mS/cm; 0,1 mS/cm; 1mS/cm
	Accuracy	$\pm 0,5$ % F.S. ± 1 digit
	Cell constant	0,01/0,1/1/10 cm ⁻¹
	Temp.-Compensation	0 to 50 °C (automatic or manual)
	Temp. range	-10 to 110 °C
Temperature	Resolution	0,1 °C
	Accuracy	$\pm 0,4$ °C ± 1 digit
	Temp. range	-10 to 110 °C
Other	Data output	USB
	Memory capacity	1000 groups
	Stored values	Number, date, time, reading, unit, temperature
	Power adapter	DC 9 V/300 mA
	Dimensions	240 × 235 × 103 mm (with packaging 270 × 250 × 180 mm)
	Weight	1 kg (with packaging 3,2 kg)