MP511 Benchtop pH Meter

Main Features

- Includes the high-quality 201T-F 3-in-1 pH electrode for pH, ORP, and temperature measurement, with automatic temperature compensation
- Accuracy: ± 0,01, range: -2,00 to 19,99 pH
- Advanced digital filtering technology that improves response time and accuracy
- 3 measurement modes: stable reading mode, timed measurement mode, and continuous measurement mode
- 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
- GLP data management (600 measurement groups) and data output via RS232

Technical Parameters

pH	Measuring range	-2,00 to 19,99
	Resolution	0,1/0,01
	Accuracy	±0,01 ± 1 digit
	Electrode connector	BNC
	Input current	≤ 10^{-2} A
	Input impedance	≥ 10^{12} Ω
	Stability	±0,01 /3 h ±1 digit
	Temp.-Compensation	0 to 100 °C (automatic or manual)
mV	mV measuring range	±1999 mV
	mV-Resolution	1 mV
	mV accuracy	0,1 % F.S. ± 1 digit
Temperature	Measuring range	0 to 80 °C
	Resolution	0,1 °C
	Accuracy	±0,5 °C ± 1 digit
	Connector	RCA
Other	Memory capacity	600 data groups
	Stored values	Number, date, time, reading, unit, temperature
	Data output	RS232
	Power adapter	DC 9 V/300 mA
	IP rating	IP54
	Dimensions	203,2 × 241,3 × 101,6 mm (with packaging 270 × 250 × 180 mm)
	Weight	1 kg (with packaging 3,2 kg)

What's in the Kit

MP511 pH Meter	1
201T-F 3-in-1 pH electrode	1
602 electrode holder	1
Calibration solutions (pH 4,00; pH 7,00; pH 10,01)	1 each
RS232 cable	1
PC-Link software	1
Power adapter	1
Manual	1

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