



Professional Meter PP-20



Professional Meters – multitasking instruments featuring Sartorius quality.

Work professionally and perform error-free lab experiments

... for pH and ORP / redox potential and conductivity measurements

- Easy-to-operate with menu-driven functions and plain-language prompts
- The ultimate in measuring accuracy, reliability and repeatability of measured results
- All devices of this series feature automatic buffer recognition, automatic temperature compensation, automatic electrode function check, calibration reminder
- Data memory for up to 620 data records
- Bidirectional interface (RS232)

Two kits are available with a choice of different equipment:

Meter with electrode holding arm, technical buffers, AC adapter and operating instructions plus

- Refillable pH electrode with glass body, platinum junction and integrated temperature sensor
PP-20-P11
- Refillable pH electrode with glass body and platinum junction
PP-20-P21

Measuring Range

Voltage in mV	-1800 ... +1800
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pH	-2 ... +20
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Conductivity in $\mu\text{S}/\text{cm}$ (Based on a cell constant of 2,54 cm)	0,5-20.000
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Temperature in $^{\circ}\text{C}$	-5 ... +105
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Resolution

Voltage in mV	0,1 1 adjustable
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pH-Wert	0,1 0,01 0,001 adjustable
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Conductivity	1 2 3 4 digits adjustable
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Temperature in K	0,1
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Accuracy

Voltage in mV	$\pm 0,1$
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pH	$\pm 0,002$
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Conductivity	$\pm 0,5 \%$
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Temperature in K	$\pm 0,2$
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Housing dimensions in mm	230 x 120 x 80
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pH-Electrode PY-P11
pH-Electrode PY-P21



sartorius



Technical Buffer PY-Y21,
PY-Y22 und PY-Y23

Key Accessories	Order No.
pH electrode, glass body, platinum junction, refillable, integrated temperature sensor NTC 10 k Ω	PY-P11
pH electrode, glass body, platinum junction, refillable	PY-P21
Conductivity cell with platinum electrodes c = 1 cm ⁻¹	PY-C02
Conductivity cell with graphite electrodes c = 0,475 cm ⁻¹	PY-C12
Technical buffer pH = 4,00 at 25°C	PY-Y21
Technical buffer pH = 7,00 at 25°C	PY-Y22
Technical buffer pH = 10,00 at 25°C	PY-Y23
Elektrolyte solution, KCL, 3 mol/L, silverion free	PY-Y07
Conductivity standard 147 μ S/cm	PY-Y11
Conductivity standard 1.413 μ S/cm	PY-Y12