



## Professional Meter PP-25



### Professional Meters – multitalented instruments featuring Sartorius quality.

Work professionally and perform error-free lab experiments  
... for pH and ORP / redox potential and ion concentration 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-25-P11**
- Refillable pH electrode with glass body and platinum junction  
**PP-25-P21**

### Measuring Range

Voltage in mV	-1800 ... +1800
pH	-2 ... +20
Ion measurement	1,00E -9 bis 9,99E 9
Temperature in °C	-5 ... +105

### Resolution

Voltage in mV	0,1   1 adjustable
pH-Wert	0,1   0,01   0,001 adjustable
Ion measurement	1   2   3 digits adjustable
Temperature in K	0,1

### Accuracy

Voltage in mV	± 0,1
pH	± 0,002
Ion measurement	± 0,17 %n (n = valency)
Temperature in K	± 0,2
Housing dimensions in mm	230 x 120 x 80



pH-Electrode PY-P11  
pH-Electrode PY-P21



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

<b>Key Accessories</b>	<b>Order No.</b>
pH electrode, glass body, platinum junction, refillable, integrated temperature sensor NTC 10 k $\Omega$	PY-P11
pH electrode, glass body, platinum junction, refillable	PY-P21
Ion selective electrode Fluoride	PY-I01
Ion selective electrode Ammonia	PY-I02
Ion selective electrode Sodium	PY-I03
Ion selective electrode Chloride	PY-I04
Ion selective electrode Nitrate	PY-I05
Ion selective electrode Potassium	PY-I06
Ion selective electrode Calcium	PY-I07
Ion selective electrode Silver   Sulfide	PY-I08
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