

PB-11 Basic Meter



Basic Meter – A Strong Basis Featuring Sartorius Quality

The PB-11 Basic Meter has all the characteristics that today's basic laboratory pH meter is required to meet, such as:

- Automatic buffer recognition during calibration
- Automatic temperature compensation
- Display with stability icon next to the result
- Simultaneous display of measured value and temperature
- Automatic electrode check and electrode slope display during calibration
- Easy operation with understandable symbols that practically eliminate handling errors

Three 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 plastic body and built-in temperature sensor

PB-11-P10

- Low-maintenance pH electrode with gel electrolyte

PB-11-P20

- Refillable pH electrode with glassbody, platinum diaphragm and built-in temperature sensor, recommended for use in TRIS buffers

PB-11-P11

Measuring Range

Voltage in mV	-1800 ... +1800
pH	-2 ... +20
Temperature in °C	-5 ... +105
Resolution	
Voltage in mV	0.1
pH	0.01
Temperature in K	0.1
Accuracy	
Voltage in mV	± 0.2 (Or 0.05% from < -400 mV and > +400 mV))
pH	± 0.005
Temperature in K	± 0.2
Housing dimensions in mm	230 x 120 x 80

Key Accessories

Order No.

pH electrode, plastic body, fiber junction, refillable, integrated temperature sensor	PY-P10
pH electrode, glass body, platinum junction, refillable, built-in temperature sensor	PY-P11
pH electrode, plastic body, fiber junction, gel electrolyte	PY-P20
Technical buffers pH = 4.00 at 25°C	PY-Y21
Technical buffers pH = 7.00 at 25°C	PY-Y22
Technical buffers pH = 10.00 at 25°C	PY-Y23
Electrolyte solution, KCL, 3 mol/L, free of silver ions	PY-Y07



pH electrode PY-P11