

# PM 6

## pH handheld instrument

- Automatic or manual temperature compensation
- Test of electrode quality
- Min/ max value memory, hold function



### description

All-purpose portable measuring instrument for measurement of pH, ORP and temperature. Connection of pH and ORP combination electrodes with and without Pt 100 is possible. Handheld instrument, sensor and pH 4 and pH 7 buffer solution each 50 mL in a portable case are included in delivery.

### particular characteristics

- Automatic or manual temperature compensation
- Automatic power shut-off
- Double display for measured value and temperature
- Power supply by battery or rechargeable
- Easy and safe handling by 6 soft keys
- Low battery indication
- With fold away support



## technical data

### measuring parameter

pH-value	0 .. 14 pH
ORP	-1999 .. +1999 mV
Temperature	-100 .. +250 °C

### power supply

line voltage	above 10-12 V (power unit not included in delivery)
power supply	9V battery
power consumption	ca. 3 mA

### ambient conditions

ambient temperature	operation 0 .. 50°C storage -20° .. 70°C
relative humidity	max. 90% rH at 40°C (non-condensing)
protection class	IP 65

### connections

sensor	BNC plug (pH/ORP) female mini DIN plug (T)
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### certificates and approvals

CE-symbol	Declaration of conformity: The product meets the requirements of the harmonized European standards. It thus complies with the legal requirements of the EC directives. The manufacturer confirms successful testing of the product by affixing the CE symbol.
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## order information

<u>name</u>	<u>description</u>	<u>article number</u>
PM 6	complete set measuring instrument with sensor (AH-320-K-2-1), cable and each 50 ml buffer solution pH 4 and pH 7 including portable case	65512510K

## accessories

### sensors

AH-320-K-2-1(-PG)	The AH-320-K-2-1(-PG) is a combination electrode for pH-measurement. The sensor is particularly suitable for mobile application by a stable resin body.  The temperature sensor Pt 100 is a temperature probe which is based on the resistance change of platinum at temperature influence.
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### accessories

COAX-D-2-1,5	Coaxial cable with sensor and BNC plug, length 1,5 m
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### pH buffer solutions

The slope of pH sensors changes over the time (depending on the measuring media). We recommend a regular calibration with our buffer solutions. We offer 1000 ml packages of pH 2, pH 3,56, pH 4, pH 7, and pH 9,22, and 50 ml packages of pH 4, and pH 7.

