

## Crystal-clear Benefits:

# High End pH Meter ProLab 1000

## Performance black on white – technical details:

Technical Data: Overview		ProLab 1000
pH measurement	Range: -2.000 ... +20.000 pH	■
	Accuracy (±1 digit)	0.003
mV measurement	Range: -999.9 mV ... +999.9 mV; -1999.9 mV ... +1999.9 mV	■
	Accuracy (±1 digit) in mV	0.2
Temperature measurement	Range: -10.0°C ... + 120.0 °C	■
	Accuracy in °C (±1 digit)	0.1
Interfaces	RS-232-C interface, bidirectional	■
	USB interface (slave, bidirectional)	■
	Dead Stop	■
Sensor recognition (Transponder)	Serial number of sensor evaluated	■
	Current calibration data stored in transponder	■
	Calibration history stored > 5 calibrations	■
	Calibration interval stored in transponder	■
User identification	Automatic user identification (ID) by wireless transmission (transponder technology)	■
Warranty	3 years	■

Type No.	Description	Order No.
Logbook ProLab 1000	Logbook for ProLab 1000 (DIN and BNC) incl. review by SCHOTT Instruments after resending the filled in documents.	285201830
ProLab 1000	Electrode recognition and user identification. Measuring parameters pH, mV, temp., microprocessor, RS 232 C and USB (slave) interface, GLP conform, DIN 19262 connection.	285201700
ProLab 1000 BNC	Electrode recognition and user identification. Measuring parameters pH, mV, temp., microprocessor, RS 232 C and USB (slave) interface, GLP conform, BNC connection.	285201720
ProLab 1000 BNC Set	Electrode recognition and user identification. Measuring parameters pH, mV, temp., microprocessor, RS 232 C and USB (slave) interface, GLP conform, BNC connection.	285201730
ProLab 1000 Set	Electrode recognition and user identification. Measuring parameters pH, mV, temp., microprocessor, RS 232 C and USB (slave) interface, GLP conform, DIN 19262 connection.	285201710

Instruments include cover for ProLab meter, universal power supply unit and stand set S4D (consists of massive base weighing 1.5 kg and flexible arm adjustable in 3 axis); sets additional include a pH-temp. combination electrode A 161 1M-...-ID and calibration solutions (DIN).

### Technical Data (additional information see "Technical Data: Overview")

<b>pH calibration</b>	1-, 2-, 3-, 4-, 5-Point calibration
	Automatic calibration with NIST/DIN- and Technical buffer sets
	Calibration history recallable (up to 10 previous calibrations)
	Selectable calibration interval
	CalClock: sensor evaluation and calibration timer monitored and displayed
<b>Date/time</b>	Built-in real-time clock, battery buffered (exchangeable battery)
<b>Housing</b>	Diecast lower casing, glass vision panel
<b>Operation</b>	Plastic foil keypad, polyester, tactile response and acoustic/optical alarm
<b>Display</b>	LED-lit graphic display, 120 x 90 mm
<b>Stability control</b>	Continuous and discontinuous drift control (manual start of drift control from hold function).
<b>Data storage</b>	Automatic storage: 1500 records, storage intervals adjustable from 5 s ... 60 min; manual storage
<b>Compliance</b>	CE, cETLus
	Protection type: IP 54, EN 60529:1991

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