

pH

On the next pages, you will find two different devices for measuring the pH value: the Basic PHX 800 pH Tester and the professional PHT 810 pH Meter which can be used together with various electrodes.



The device has been certified together with the EB 4401 food inspection case (please see page 139).



PHT 810 pH-Meter

PHX 800 pH Tester



pH-Meter and Tester



PHT 810 pH Meter with automatic pH calibration



The device has been certified together with the EB 4401 food inspection case (please see page 139).

- * Various electrodes available (see below)
- MIN/MAX and hold options
- Approximately 5 years battery life time

Technical Data

pH measurement range	0 pH ... 14 pH
pH measurement accuracy	0.03 pH
pH resolution	0.01 pH
Memory	Hold, MIN / MAX
Connector	BNC
Battery lifetime	Up to 5 years
Display	LCD, 12 mm
Operating temperature	0 °C ... +50 °C
Storage temperature	-25 °C ... +60 °C
Dimensions (L x W x H)	110 x 54 x 22 mm
Temperature compensation	Manual
Weight	Approximately 200 g
Certificate	2-point factory calibration certificate (included at pH meter set)

Type	Description	Part No.
PHT 810	pH Meter (without electrode*)	1340-5810
ST 1000	pH Meter Set (consisting of PHT 810, penetration electrode AT 206, punching pin, buffer solutions pH4 and pH7, protein clearer, KCl solution, carrying case)	1339-0620

Various electrodes for PHT 810

AT 200 plastic electrode

Housing material: plastic
Diameter: 12 mm
Shaft length: 120 mm



AT 201 laboratory electrode

Shaft housing material: glass
Shaft diameter: 12 mm
Shaft length: 900 mm



AT 206 penetration electrode

for measurements in semi-solid food products and other materials.

Housing material: glass
Shaft/electrode diameter: 25 mm/5 mm
Shaft/electrode length: 65 mm/12 mm
with 1m cable and BNC plug



Technical Data	AT 200	AT 201	AT 206
pH measurement range	0 pH ... 14 pH	0 pH ... 14 pH	2 pH ... 13 pH
Temperature measurement range	-5 °C ... +80 °C	-15 °C ... +130 °C	+5 °C ... +80 °C
Electrolyte	Gel	Gel	Referid®

Type	Description	Part No.
AT 200	Plastic electrode	1339-0631
AT 201	Measurement electrode for laboratories	1339-0632
AT 206	Penetration electrode	1339-0629

Accessories for PHT 810



AG 140 Protective cover for handheld devices, red



AT 100-PHT Carrying case



AT 400 Buffer solution pH 4



AT 401 Buffer solution pH 7



AT 405 KCl solution



AT 410 Electrode cleaner

Type	Description	Part No.
AG 140	Protective cover for handheld devices, red	1340-5005
AT 100-PHT	Carrying case	1340-5091
AT 400	Buffer solution pH 4	1341-3836
AT 401	Buffer solution pH 7	1341-3838
AT 405	KCl solution	1341-3839
AT 410	Electrode cleaner	1341-3840

PHX 800 Basic pH Tester with acoustic signal



Technical Data

pH measurement range	0 pH ... 14 pH
pH measurement accuracy	0.1 pH
pH resolution	±0.2 pH
Operating temperature	0 °C ... +50 °C
Storage temperature	-25 °C ... +60 °C
Housing material	ABS plastic
Dimension (L x W x H)	170 x 32 x 15 mm
Weight	Approximately 70 g
Battery	1.5 V A76/LR44
Battery lifetime	Approximately 150 hours
Deactivation	Automatically after 15 minutes

- Automatic deactivation
- Battery charge indicator
- Replaceable battery

Type	Description	Part No.
PHX 800	Basic pH Tester	1340-5800