



PHT 810 pH Meter with automatic pH calibration



PHT 810



PHT 810 + AT 206



ST 1000



The device has been certified together with the EB 4401 food inspection case (please see page 113).

Technical Data

pH measurement range	0 pH ... 14 pH
pH measurement accuracy	0.03 pH
pH resolution	0.01 pH
Total memory capacity	Hold, MIN / MAX
Connector	BNC
Battery lifetime	Up to 5 years
Display	LCD, 12 mm
Operating temperature	0 °C ... +50 °C (+32 °F ... 122 °F)
Storage temperature	-25 °C ... +60 °C (-13 °F ... 140 °F)
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)

- MIN/MAX and hold options
- Approximately 5 years battery life time

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 pH 4 and pH 7, 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: 120 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 1 m 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 (+23 °F ... +176 °F)	-15 °C ... +130 °C (+5 °F ... +266 °F)	+5 °C ... +80 °C (+41 °F ... +176 °F)
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

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