



pH meter PHT 830

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The pH/Redox/ISE portable meter is used to determine the pH, the redox potential and the temperature. It combines the advantages of mobile field work with the precision and the comfort of a laboratory meter.

The PHT 830 has an automatic temperature compensation for the pH measuring as well as an adjustable reference temperature with measurements without temperature sensor. For calibration a manual or automatic two point calibration routine can be used.

PHT 830 Set 1 incl. plastic electrode AT 830 K and 1.50 m cable, ideally suited for universal applications in laboratories and field.

PHT 830 Set 2 incl. glass electrode AT 830 G and 1.00m cable, suited for applications in laboratories.

PHT 830 Set 3 incl. penetration electrode AT 830 E and 1.00 m cable, suited for applications in food industries.

All electrodes are equipped with an integrated temperature sensor Pt 1000, allowing parallel measurement of pH value and temperature.

Scope of delivery: pH meter incl. electrode as indicated, 1x buffer solutions pH 4.006, pH 6.865, pH 9.180 each, KCl solution, case

Specifications**Measuring range/Resolution****pH:****mV:****Temperature:** 0 ... 14 pH / 0.01 pH

-1999 to 1999 mV / 1 mV

-10 ... 100 °C / 0.1 °C

Accuracy**pH:****Temperatur:** ± 0.03 (± 2 pH-steps)

± 0.1 °C

Display: 128 x 64 pixel, backlighted**Interface:** USB with "Interface HMG USB", isolated**Ambient temperature:** -10 °C ... 55 °C**Rel. humidity:** Max. 95 % (non-condensing)**Connections:** Connector BK for sensor (4-pole USB interface socket)**Housing:** ABS**Dimensions (W x D x H):** 200 x 40 x 95 mm**Batteries:** 3 batteries Type AA, IEC R6, LR6, 1.5 V**Protection class:** IP 65

Code	Description	Packaging
LLG06268941	pH meter PHT 830, Type PHT 830 Set 1, Incl. plastic electrode AT 830 K	1 pz
LLG06268942	pH meter PHT 830, Type PHT 830 Set 2, Incl. glass electrode AT 830 G	1 pz
LLG06268943	pH meter PHT 830, Type PHT 830 Set 3, Incl. penetration electrode AT 830 E	1 pz
LLG06268944	pH meter PHT 830, Type AT 830 K, pH plastic electrode for PHT 830	1 pz
LLG06268945	pH meter PHT 830, Type AT 830 G, pH glass electrode for PHT 830	1 pz
LLG06268946	pH meter PHT 830, Type AT 830 E, pH penetration electrode for PHT 830	1 pz



CARLO ERBA Reagents S.A.S.
 Chaussée du Vexin – 27106 Val
 de Reuil cedex
 N° TVA: FR 63391048824
 Tél : +33 (0)2 32 09 20 00
www.carloerbareagents.com



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