

Hand held pH-meter BMW 102



- Portable, ergonomic and lightweight model
- Display of pH and Temperature
- Replaceable pH and temperature sensors
- Supplied ready to use

APPLICATIONS

Useful for teaching, agriculture, horticulture, water and environmental analysis.

DESCRIPTION

This hand-held pH-meter is convenient for low cost project where accuracy and reliability are requested.

Each BMW 102 includes:

- 1 pH electrode, output cable (1 m long) with BNC connector
- 1 temperature probe (Pt100 Ω sensor), output cable (1 m) and connector
- 1 dose for buffer pH 7.01 (20 ml)
- 1 dose for buffer pH 4.01 (20 ml)
- 1 alkaline battery 9 V

TECHNICAL FEATURES

Range	0... 14 pH -5 ... +70 °C
Resolution	0.01 pH 0.1 °C
Accuracy	± 0.02 pH ± 0.5 °C
Calibration	On 2 points with buffers pH 4, 7 and 10
Temperature compensation	Automatic between 0 and 70 °C
pH electrode	Output cable, cable 1 m long with BNC connector
Temperature probe	With sensor Pt100 Ω at 0 °C, cable output (1 m)
Power supply	1 alkaline battery 9 V (included)
Operation	About 300 h (continuously)
Automatic shut off	Within 8 minutes after last measurement
Environment	0... 50 °C / %HR 95 % max.
Dimensions	145 x 80 x 40 mm
Mass	220 g (including battery)

CODE NUMBERS AND REFERENCES

Code	Reference	Description
180 050	BMW 102	Hand-held pH-meter/ thermometer, ready to use
180 102	1001 BNC	Spare part: pH electrode output cable

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pH

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