

# 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  $\Omega$  sensor), output cable (1 m) and connector
- 1 x 20 ml pH 7.01 calibration solution sachet
- 1 x 20 ml pH 4.01 calibration solution sachet
- 1 alkaline battery 9 V

## TECHNICAL FEATURES

Range	0...14 pH (-5...+100 °C)
Resolution	0.01 pH / 0.1 °C
Accuracy	$\pm 0.02$ pH / $\pm 0.5$ °C
Calibration	2 points
Temperature compensation	Automatic from 0 to 100 °C
pH electrode	Output cable, cable 1 m long with BNC connector
Temperature probe	With sensor Pt100 $\Omega$ at 0 °C, cable output (1 m)
Power supply	1 alkaline battery 9 V (included)
Operation	Approx. 750 hours of use
Automatic shut off	after 8 minutes of non-use
Environment	0... 50 °C / %HR 95 % max.
Dimensions	143 x 80 x 32 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	pH electrode output cable

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**BMW 102**

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