

## VOLTCRAFT® - TOP PERFORMANCE IN EVERY WAY

"Since 1982, our product range has been dynamically adapting to the constant changes in the industry. We commit to offering first-class quality to our customers while delivering an excellent cost-performance ratio. This philosophy remains the cornerstone of Voltcraft's success."

# KBM-100 COMBO MEASURING DEVICE



VERSION 12/21

Nº 1234022

The combo measuring device provides various measurements which are necessary for water analysis. The device is ideal for aquariums, fish keeping, pool surveillance etc. The display shows both the value being measured at any given time and the temperature. This allows you to quickly identify abnormalities which may be caused by a temperature which is too high for the testing implements. The sensors are designed for use in water.

### FEATURES:

Measuring for pH values, conductivity values, TDS, salinity, redox (ORP), temperature // Automatic temperature compensation // Automatic sensor recognition // Water-proof and buoyant //

### EQUIPMENT:

Automatic measuring default when electrodes are attached (sensor recognition) // Automatic switch off // Min/Max- and data hold // Calibration at the press of a button // Sensor quality display during calibration // Changeable sensors/electrodes //

### PACKAGE CONTENTS:

Combo measuring device KBM-100 // pH electrodes // Conduction value sensor // Buffer solution pH7, pH4 and 1413  $\mu\text{S}$  // Storage solution // Cases // Batteries // Operating instructions //

### TECHNICAL DATA:

Measurements:	pH value, conduction value, TDS, salinity, redox (ORP), temperature
Operating temperature:	0 to 90 °C
Dissolution temperature:	0.1 °C
Calibration:	2-/3-point calibration
Power supply:	4 micro-batteries (AAA, LR03)
Product dimensions (B x H):	40 mm x 195 mm
Weight:	135 g



	Measurement range	Dissolution	Accuracy
pH value	-2 to 16 pH	0.01 pH	$\pm 0.01$ pH
Conduction value	0 $\mu\text{S}$ - 20 mS	1 $\mu\text{S}$ / 0.01 mS	$\pm 2\%$ (of the measurement range)
TDS	0 ppm - 13 ppt	1 ppm/ 0.01 ppt	$\pm 2\%$ (of the measurement range)
Salinity	0 ppm - 12 ppt	1 ppm/ 0.01 ppt	$\pm 2\%$ (of the measurement range)
Redox (ORP)	-1000 mV to +1000 mV	1 mV	$\pm 2$ mV

Note: The Redox (ORP) electrode is not included in the delivery.

#### Optional accessories:

- Item no. 1234052 pH replacement electrode
- Item no. 1234053 Conduction value replacement sensor
- Item no. 1275914 Redox (ORP) electrode

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