

# Handheld turbidity-meter BAMOPORT MI 415



BAMOPORT MI 415

- **Measuring scales:**  
0.50 to 50 FNU  
50 to 1000 FNU
- **Easy to use**
- **Supplied ready-to-use with a rigid case**

## APPLICATIONS

Handheld turbidity-meter for field measurements in rivers, drinking water and waste or industrial water.

## DESCRIPTION

Turbidity is a measurement of how much is turbid a sample. In rivers, it is usually caused by suspended particles or colloidal particles that absorb, scatter or reflect light. In eutrophic waters (with nutrients in excess), it may result of presence of bacteria and microalgae. By measuring the turbidity (photometric or comparative methods), it is possible to estimate the content of suspended particles, materials.

The BAMOPORT MI 415 is used to accurately measure turbidity in the field or in the laboratory. It includes in a rigid case: 1 turbidity-meter, 2 measuring cells (10 ml), 3 standard solutions (0, 10 and 500 FNU), 1 microfiber cloth, 1 alkaline battery (9 V) and the user manual.

Fast and easy to use. The code for each operation is indicated on the LCD. The battery icon indicates that battery has to be replaced.

A monthly calibration is recommended with the standard solutions. Instrument may be calibrated with formazine solutions; however the supplied standards are safer to use (not cancerigenous) and stable.

## TECHNICAL FEATURES

Measuring scales	0.50 to 50.00 FNU 50 to 1000 FNU
Resolution	0.01 and 1 FNU
Accuracy	± 0.5 FNU or 5 % of reading
Method	90° scattered light as per ISO 7027
Light source	Infrared LED
Ligth receiver	Silicone photoelectric cell
Temperature	1 ... 50 °C; HR %: < 100 % (not condensing)
Power	1 Alkaline battery 9 V
Automatic switch-off	After 5 minutes without use
Dimensions	192 x 104 x 52 mm
Mass	380 g

## CODE NUMBERS AND REFERENCES

Code	Reference	Description
448 101	BAMOPORT MI 415	Complete handheld turbidimeter
<b>Spares and consumables</b>		
448 256	Cuvettes MI 415	Set of 2 measuring cells (10 ml)
448 257	Étalons MI 415	Set of 3 standard solutions (0, 10 & 500 FNU)

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