

SM-H10
PORTABLE pH/ORP METER



DESCRIPTION

Precise and portable pH/ORP meter used to measure pH. Its portable and compact design makes it the ideal tool in laboratory and outdoor applications. Convenient instrument for sampling in water treatment, industrial and feed plants, chemical analysis, research, and teaching laboratories.

TECHNICAL DATA

DISPLAY	PROTECTION CLASS
3.7 inch color TFT-LCD display	IP57
MEMORY	WEIGHT
3000 data sets	400 g
CONNECTOR	POWER SUPPLY
BNC; 4-pins DIN	Rechargeable lithium battery, USB to USB type-C cable (charger NOT included)
DIMENSIONS	USB CHARGER
330x 272 x 82 mm	Input 100-240V, 50-60Hz, 0.5A (USB-C).

pH

RANGE	CALIBRATION SOLUTIONS
-2.000 to 20.000 pH	USA (pH 4.01, 7.00, 10.01) or NIST (pH 4.01, 6.86, 9.18)
RESOLUTION	AUTOMATIC TEMPERATURE COMPENSATION
0.1, 0.01, 0.001 pH	0 to 100°C
ACCURACY	TEMPERATURE RESOLUTION
±0.002 pH ± 1 digit	0.1°C
CALIBRATION POINTS	TEMPERATURE ACCURACY
3	±0.2°C ± 1 digit

ORP (mV)

RANGE	ACCURACY
-1999.9 to 1999.9 mV	±0.03% F.S. ± 1 digit
RESOLUTION	
0.1, 1 mV	

KEY FEATURES

- Practical and precise equipment.
- Ideal for use in harsh environments.
- Simple operation.
- Large screen for comfortable viewing of measurements.
- Auto-recognition of USA series pH buffers.

STANDARD ACCESSORIES

- Carrying case
- pH electrode
- pH buffer solutions
- USB to USB Type-C cable
- User manual

OPTIONAL ACCESSORIES

- ORP electrode

