

SM-C10
PORTABLE CONDUCTIVITY METER



DESCRIPTION

Precise and portable meter used to measure conductivity. 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
3.5 inch color TFT-LCD display	IP57
MEMORY	WEIGHT
3000 data sets	400 g
CONNECTOR	POWER SUPPLY
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)

CONDUCTIVITY

RANGE	ELECTRODE CONSTANT
0 to 2000.0mS/cm, auto divided by range: 0 to 19.99 μ S/cm, 20.0 to 199.9 μ S/cm, 200 to 1999 μ S/cm, 2.00 to 19.99mS/cm, 20.00 to 199.9mS/cm, 200.0 to 2000mS/cm (K=10.0) Match test range: 0 to 200mS/cm	K=0.1 cm ⁻¹ K=1.0 cm ⁻¹ K=10.0 cm ⁻¹
RESOLUTION	AUTOMATIC TEMPERATURE COMPENSATION
0.001, 0.01, 0.1, 1	0 to 50°C
ACCURACY	TEMPERATURE RESOLUTION
±5%F.S. ± 1 digit	0.1°C
CALIBRATION POINT	TEMPERATURE ACCURACY
1	±0.2°C ± 1 digit

TDS

RANGE	ACCURACY
0 to 100.0g/L	±0.5% F.S. ± 1 digit
RESOLUTION	
0.001, 0.01, 0.1, 1	

SALINITY

RANGE	ACCURACY
0.00 to 8.00%	±0.5% F.S. ± 1 digit
RESOLUTION	
0.001, 0.01, 0.1, 1	

RESISTIVITY

MEASUREMENT RANGE	ACCURACY
5.000Q-cm to 100.0MQ-cm	±0.5% F.S. ± 1 digit
RESOLUTION	
0.001, 0.01, 0.1, 1	



KEY FEATURES

- Ideal for use in harsh environments
- Compact and lightweight design
- Simple and intuitive operation
- Fast and stable readings
- Easy calibration
- Automatic temperature compensation (ATC)

STANDARD ACCESSORIES

- Carrying case
- Conductivity electrode
- USB to USB Type-C cable
- Conductivity standard solutions
- User manual