

SM-H100
BENCHTOP pH/ORP METER



DESCRIPTION

Benchtop pH meter used to measure pH in routine procedures, quality control, chemical experiments, and education applications. Ideal for laboratories, clinics, universities, institutes, etc

TECHNICAL DATA

| | |
|-------------------|-------------------------|
| DISPLAY | PROTECTION CLASS |
| 7-inch LCD | IP54 |
| MEMORY | WEIGHT |
| 450 data sets | 500 g |
| CONNECTOR | POWER SUPPLY |
| BNC; mini-BNC | DC12V |
| DIMENSIONS | |
| 490 x 280 x 85 mm | |

pH

| | |
|---------------------------|----------------------------------------------------------|
| RANGE | CALIBRATION SOLUTIONS |
| -2.00 a 20.00 pH | USA (pH 4.01, 7.00, 10.01) or NIST (pH 4.01, 6.86, 9.18) |
| RESOLUTION | TEMPERATURE COMPENSATION |
| 0.1, 0.01 pH | 0 -100.0°C, 32.0-122.0°F (manual or automatic) |
| ACCURACY | TEMPERATURE ACCURACY |
| ±0.01 pH ± 1 digit | ±0.5°C ± 1 digit |
| CALIBRATION POINTS | TEMPERATURE RESOLUTION |
| 3 | 0.1°C |

ORP (mV)

| | |
|----------------------|----------------------|
| RANGE | ACCURACY |
| -1999.9 a +1999.9 mV | ±0.1% F.S. ± 1 digit |
| RESOLUTION | |
| 0.1, 1mV | |

KEY FEATURES

- Compact and lightweight design
- Intuitive and simple operation
- Stable and quick readings
- Easy to perform calibration
- Automatic temperature compensation (ATC)
- Measuring pH and temperature simultaneously
- Automatically recognizing standard buffer solutions (USA or NIST series).
- Reset function

STANDARD ACCESSORIES

- pH electrode
- Flexible probe holder
- pH buffer solutions
- Power adapter
- User manual

OPTIONAL ACESORIES

- ORP Electrode

