## Four-Range Portable Digital Conductivity Meters

# CDH-80MS

✔ **Four Ranges, from 200 to 200,000 µS**
✔ **Automatic Temperature Compensation**
✔ **Detachable Electrode Included**
✔ **Battery Included**

The CDH-80MS is a handheld four-range conductivity meter that can be used to test samples ranging from pure water to seawater. The digital display shows the conductivity of samples; using pushbuttons located on the instrument's handle, switching between the four ranges is easily accomplished. For accuracy of measurement, automatic temperature compensation is provided from 0 to 70°C (32 to 158°F) using a 1000 Ω Pt RTD.
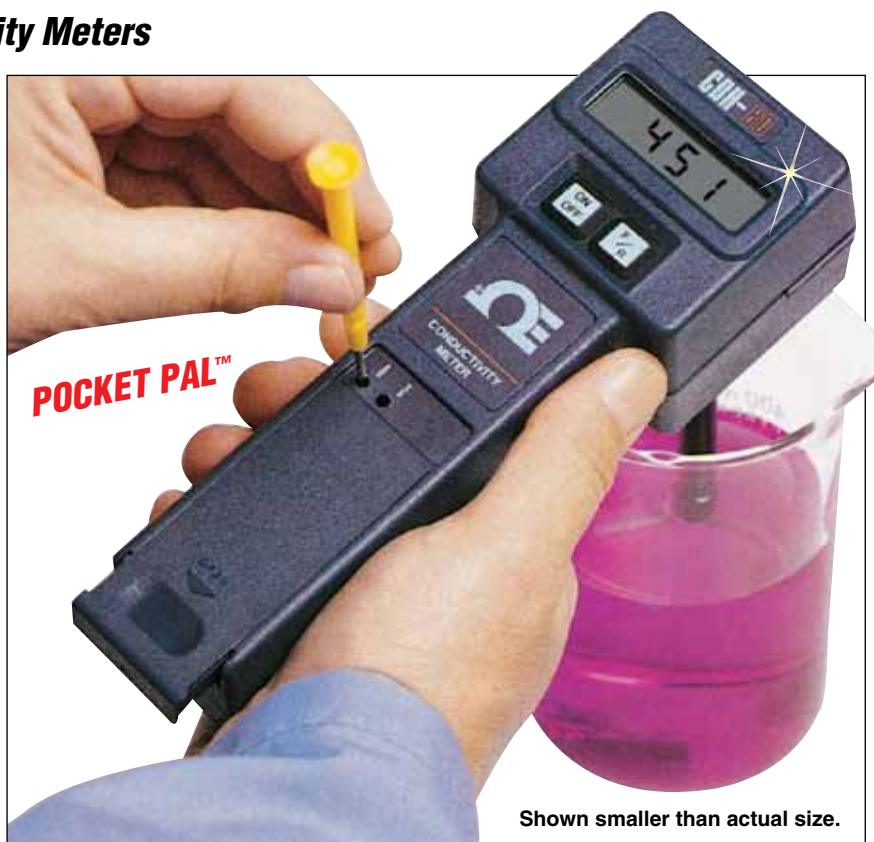
## Specifications

| Range | Resolution | Accuracy |
|---|---|---|
| 0 to 200 | 0.1 µS | ±1% FS |
| 0 to 2,000 | 1 µS | ±1% FS |
| 0 to 20,000 | 10 µS | ±1% FS |
| 0 to 200,000 | 100 µS | ±1.5% FS |

**Temperature Compensation**: Automatic 0 to 70°C (32 to 158°F)
**Power**: 9V alkaline battery (included)
**Dimensions**: 158.8 x 31.8 x 57.2 mm (6.25 x 1.25 x 2.25")
**Weight**: 241 g (8.5 oz)

POCKET PAL™

Shown smaller than actual size.

**PHH-60BMS dual pH/conductivity, shown with optional electrodes.**

## To Order

| Model No. | Description |
|---|---|
| **CDH-80MS** | Conductivity meter 200, 2000, 20,000, and 200,000 µS ranges |
| **PHH-60BMS** | pH/conductivity meter, 0 to 14 pH, 0 to 19,999 µmho |
| **PHH-60BTDS** | pH/conductivity meter, 0 to 14 pH, 0 to 19,999 ppm |
| **PHH-80BMS** | pH/conductivity meter, 0 to 14 pH, 0 to 199,999 µmho |
| **PHH-80BTDS** | pH/conductivity meter, 0 to 14 pH, 0 to 199,999 ppm |

Shown smaller than actual size.

**CDE-8036A (optional)**

**PHE-8236B (optional)**

### Accessories and Replacement Electrodes

| Model No. | Description |
|---|---|
| **CDE-8002A** | CDH-80MS replacement stick conductivity sensor |
| **PHE-8236B** | PHH-60/80BMS/TDS replacement pH electrode with 1 m (3') extension cable with ATC |
| **CDE-8036A** | CDH-80MS conductivity sensor with 1 m (3') extension cable |
| **CDE-60** | 1 m (3') cable extension for CDE-8002A sensor |
| **PHEC-60B** | 1 m (3') pH extension triax cable |
| **MN1604** | Replacement 9V battery |

*Each CDH-80MS is complete with sensor, screwdriver, vinyl carrying case, wire brush, detergent powder, 9V battery and operator's manual.*
**Ordering Example: CDH-80MS**, *four-range conductivity meter.*

### Calibration Solutions

| Model No. | Description |
|---|---|
| **CDSA-45*** | 45 µS/cm conductivity solution |
| **CDSA-450*** | 450 µS/cm conductivity solution |
| **CDSA-1500*** | 1500 µS/cm conductivity solution |
| **CDSA-4500*** | 4500 µS/cm conductivity solution |

*__*Note:__ Conformance Certificate available at time of purchase.*
*Add suffix "__-NIST__" to model number for additional cost.*
**Ordering Example: CDSA-1500**, *1500 µS/cm conductivity solution.*

*Our Conductivity Instruments product line continues to expand, visit omega.com for new details!*

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