



## Handheld Salinity Meter

### CDH45



- ✓ **Dual Display: Salinity and Temperature**
- ✓ **Salinity Range: 0.1 to 10%**
- ✓ **Automatic Temperature Compensation**
- ✓ **Average Calculation, Interval Measuring, Gram Conversion**
- ✓ **Highly Accurate Temperature Sensor**
- ✓ **Handheld, Lightweight Design**
- ✓ **Auto Power-Off Function**

The CDH45 is designed for low-concentration salinity measurement. Applications include water monitoring, seawater-prepared food solutions, breeding ponds, aquariums, and holding tanks.

### Specifications

**Polarity:** Automatic, positive implied, negative polarity indication

**Power:** 3 "AAA" batteries

**Low-Battery Indicator:** The "⊖" is displayed

**Operating Temperature:** 0 to 50°C (32 to 122°F)  
@ <75% RH

**Storage Temperature:** -20 to 60°C (-4 to 140°F)  
@ 0 to 80% RH with batteries removed

**Reference Conditions:** 18 to 28°C, <75% RH

**Dimensions:** 167 H x 48 W x 24 mm D  
(6.5 x 3.0 x 1.5")

**Weight:** 330 g (0.6 lb) with probe and batteries

#### Relative Salinity

**Range:** 0.1 to 10%

**Temperature Compensation:** -5 to 60°C  
(23 to 140°F), automatic

#### Accuracy:

0 to 0.9% (±0.1)

1.0 to 1.9% (±0.2)

2.0 to 2.9% (±0.3)

3.0 to 4.9% (±0.5)

5.0 to 7.9% (±1.0)

8.0 to 10.0% (±1.5, depending on measuring technique)

**Probe Cable Length:** 0.8 m (34")

**Probe Length:** 177 mm (7.0")

#### Temperature

**Sensor:** Thermistor temperature sensor

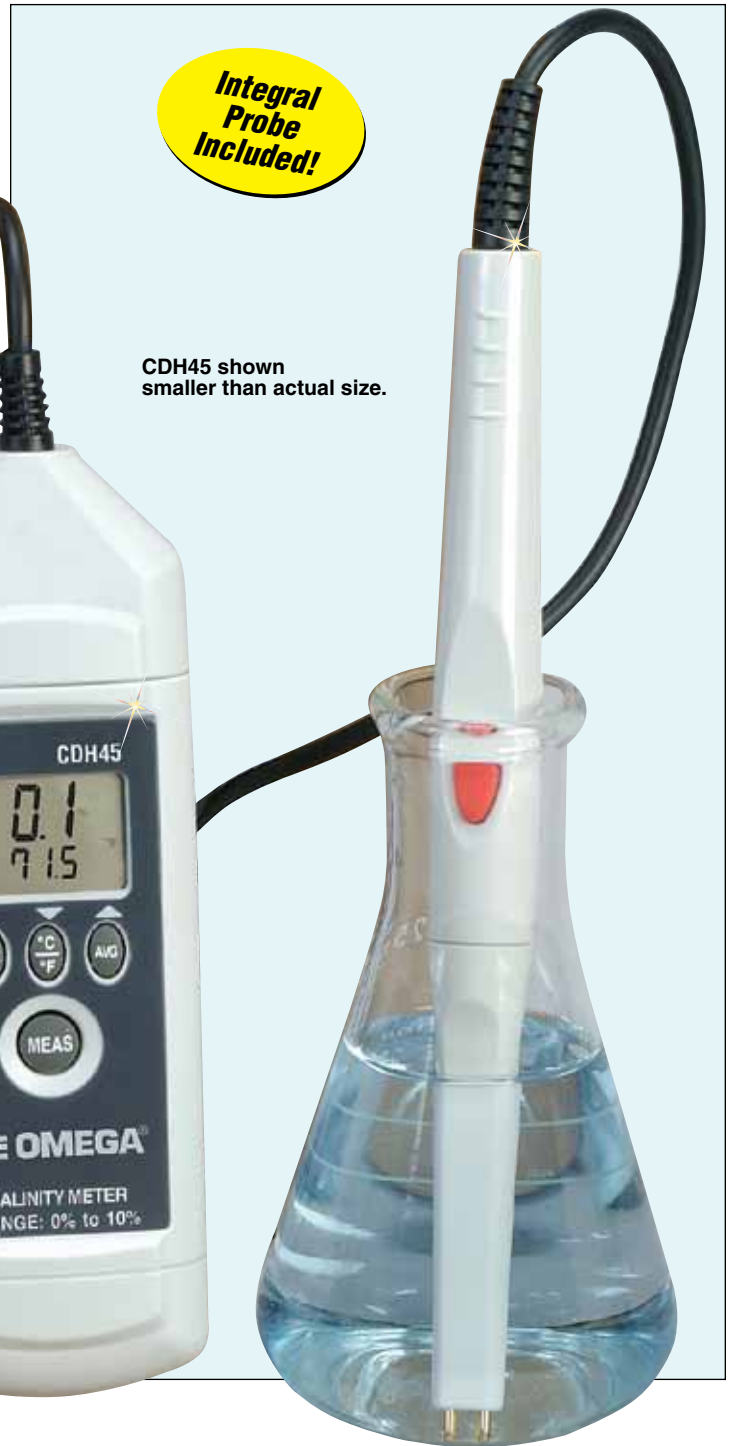
**Range:** -20 to 60°C (-4 to 140°F)

**Resolution:** 0.1°C (0.1°F)

#### Accuracy:

±0.5°C (±1°F): 0 to 45°C (3 to 113°F)

±1°C (±2°F): -20 to 0°C, 45 to 60°C  
(4 to 32°F, 113 to 140°F)



### To Order

Model No.	Description
CDH45	Salinity meter with integral probe
MN2400	Replacement "AAA" battery (3 required)

Comes complete with 3 "AAA" batteries, probe and operator's manual.  
**Ordering Example:** CDH45, salinity meter.