

# CON 450 Meter

Backlit, rugged waterproof meter is ideal for any environment!

**Durable waterproof and dustproof design with IP67 rating**

**Large, backlit custom display**—Lets you view measurement with temperature and calibration data with cell constant

**Measurement in conductivity, TDS, and salinity**—With automatic and manual temperature compensation

**Autorange conductivity from 0 to 199.9 mS in five ranges**—Automatic calibration up to five calibration points

**Selectable cell constant**—0.10, 1.00, or 10.0 from a two-cell probe

**Selectable temperature coefficient**—Adjustable from 0 to 10% per °C for accurate compensation of almost any solution

**Adjustable conductivity-to-TDS factor**— Adjust from 0.4 to 1.0

**Selectable °C/°F**—Choose units to best fit your application

**Intuitive user-friendly icons**—Probe status displays cell constant

**Hold, Ready, and automatic shutoff functions**

**Store up to 500 data sets**—Easy USB or RS-232 output with optional data cable

**Built-in real-time clock stamps stored data and calibration data with time and date**—Meets standards for GLP (Good Laboratory Practices)

**Built-in stand with wall mount**—Allows for easy benchtop measurement or storage

**Grip-Clip™ holder**—Quickly and easily secures the probe to your beaker or container

**500 hours battery life or use optional universal power adapter**

**New**



CON 450



Built-in meter stand for hands-free operation

Conductivity

## Specifications

Mode	Conductivity	TDS	Salinity	Temperature
Range	0 to 200 mS	0 to 200 ppt	0 to 50 ppt	-10.0 to 110.0°C (-17.0 to 230.0°F)
Resolution	0.01 µS to 0.1 mS	0.01 ppm to 0.1 ppt	0.01	0.1°C/°F
Accuracy	±1% full-scale	±1% full-scale	±1% full-scale	±0.5°C; ±0.9°F
Calibration	Auto/manual; one point per range	Auto/manual; one point per range	Auto/manual; one point per range	±5.0° offset

**Display:** graphic LCD with backlight

**Memory:** stores up to 500 data sets

**Output:** USB or RS-232

**Real-time clock:** time-and-date stamp on calibration and stored data

**Temperature compensation:** automatic or manual from -10 to 110°C

**Power:** two AA batteries (included), 500 hours (without backlight); AC adapter (optional)

**Dimensions (L x W x H)**

**Meter:** 7 7/8" x 3 1/8" x 2 1/4" (20 x 8.3 x 5.7 cm)

**Boxed:** 9 1/8" x 9 1/8" x 2 3/4" (23 x 23 x 7 cm)

**Weight**

**Meter:** 1 lb (0.5 kg);

**Boxed:** 1.4 lb (0.7 kg)



**3 year warranty**  
meter only

## Ordering Information

Catalog number	Precalibrated catalog number	Description	Included
WD-35608-32	WD-35608-34	CON 450 meter with probe	Meter, conductivity cell (K = 1.0) 35608-50, Grip-Clip holder, and two AA batteries
WD-35608-80	WD-35608-81	CON 450 meter kit	Meter, conductivity cell (K = 1.0) 35608-50, calibration solutions, Grip-Clip holder, two AA batteries, and hard carrying case

## Accessories

WD-35608-55 Conductivity cell, K = 0.1

WD-35608-50 Replacement conductivity cell, K = 1.0

WD-35608-51 Conductivity cell, K = 10

WD-35614-50 Replacement Grip-Clip electrode holder

WD-35630-53 Data cable for USB connectivity

WD-35420-01 Data cable for RS-232 connectivity

WD-35614-51 Hard carrying case, fits all 150/450 meter configurations

WD-35420-72 Optional adapter, 110/220 VAC

WD-09376-01 Replacement batteries, AA. Pack of 4

