

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