

CON 400 Meter

Highly advanced microprocessor-based conductivity meter with waterproof housing. . .and it even FLOATS!

Durable, waterproof and dustproof IP67-rated design – Ideal for dirty, wet environments

Reads conductivity from 0 to 199.9 mS in five ranges

Switch between conductivity and TDS measurement with a press of a button

Selectable cell constant –
K = 1.0 for general applications;
K = 0.1 for pure water;
K = 10 for concentrated solutions

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

Manual or automatic temperature compensation – For the highest accuracy in any situation

Expanded memory – Stores and recalls up to 50 readings with temperature, and previous calibration data

Real-time clock – Stamps stored data and calibration data with date and time; meets standards for GLP

°C or °F selectable

A wide range of conductivity cells and calibration solutions are available. See page 45 to order.



Conductivity Cells

Choose a cell with K = 0.1 for low range; K = 1.0 for midrange; K = 10 for high range. Feature a built-in temperature sensor; measure 100 mm L x 12 mm dia.

| Catalog number | Description | Constant |
|----------------|---|----------|
| WD-35608-50 | Replacement conductivity cell, Ultem body, steel sensor. 3-ft (1-m) cable | 1.0 |
| WD-35608-51 | Conductivity cell, epoxy body, platinum sensor. 3-ft (1-m) cable | 10 |
| WD-35608-55 | Conductivity cell, epoxy body, platinum sensor. 3-ft (1-m) cable | 0.1 |
| WD-35608-57 | Conductivity cell, Ultem body, steel sensor. 16-ft (5-m) cable | 1.0 |

Specifications

| Mode | Conductivity | TDS | Temperature |
|----------------------|--|---|---|
| Range/ Resolution | 0.00 to 19.99 µS/0.01 µS, 0.0 to 199.9 µS/0.1 µS, 0 to 1999 µS/1 µS, 0.00 to 19.99 mS/0.01 mS, 0.0-199.9 mS/0.1 mS | 0.00 to 9.99 ppm/0.01 ppm, 10.0 to 99.9 ppm/0.1 ppm, 100 to 999 ppm/1 ppm, 1.00 to 9.99 ppt/0.01 ppt, 10.0-99.9 ppt/0.1 ppt, 100-200 ppt/1 ppt | Epoxy-body cells: 0 to 80°C / 0.1°C Glass-body cells: 0 to 100°C / 0.1°C |
| Accuracy | ±1% full-scale | ±1% full-scale | ±0.5°C (±0.5°F) |
| Calibration | Up to five points (one point per range) | Up to five points (one point per range) | Offset 0.1° increments |

ISO9001:2000
CERTIFIED SUPPLIER



3 year
warranty
meter only



Drinking Water



Environmental Monitoring

Cell constant (K): 0.1, or 1.0, 10.0 (selectable)
Conductivity-to-TDS factor: adjustable from 0.4 to 1.0
Temperature compensation: automatic or manual (selectable) from 0 to 50°C
Temperature coefficient: adjustable from 0.0 to 10.0% per °C
Memory: up to 50 data sets
Operating temperature: 0 to 50°C (32 to 122°F)

Power: four 1.5 V AAA batteries (included), >100 hours continuous use

Dimensions

Meter: 7½"L x 3½"W x 1¾"H (19 x 9 x 4.5 cm)
Boxed: 9½"L x 9½"W x 2¾"H (23 x 23 x 7 cm)

Weight

Meter: 1.0 lb (0.5 kg); **Boxed:** 2.0 lb (0.9 kg)

Ordering Information

| Catalog number | Description | Included |
|----------------|---------------|--|
| WD-35608-00 | CON 400 meter | Meter, conductivity cell 35608-50 (K = 1.0), and batteries |

WD-35607-69 Calibration kit contains four each of TDS calibration solution pouches (447 µS, 1413 µS, 2764 µS, 15.0 mS), four rinse water pouches, sample bottles, all in a hard plastic carrying case with room for your meter and probe. Dimensions: 11½"L x 14"W x 3"H (29.2 x 35.6 x 7.6 cm).