

CON 400 and CON 410 Meters

Highly advanced microprocessor-based conductivity meters with waterproof housing...and they even FLOAT!

Durable, waterproof and dustproof IP67-rated design

Easy-to-clean housing
ideal for dirty, wet environments and food applications

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

Manual or automatic temperature compensation
for the highest accuracy in any situation

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

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

CON 400 features:
Reads conductivity from 0 to 199.9 mS in five ranges

CON 410 also features:
Switch between conductivity and TDS measurement with a press of a button

Applications

Routine Testing: Ideal for quick, accurate conductivity or TDS checks in labs, field, and schools.

Water Quality Testing: Use to test hard water, untreated water, drinking water, incoming process water, and pool water. Also useful in the hydroponics and agricultural industries.

Industrial: Use to check pollution control, metal finishing, cooling tower water, boiler water, drilling mud, brines, rinse tanks, ponds, recirculating systems, and wastewater.

Conductivity Cells

Conductivity cells Two-band platinum sensor. Choose K = 0.1 for low range; K = 1.0 for midrange; K = 10 for high range. 5"L x 0.5" dia with 3-ft (0.9 m) cable*.

Cat. no.	Description	Constant
WD-35608-50	Replacement conductivity cell, Ultem body, steel sensor, with built-in temperature sensor.	1.0
WD-35608-51	Conductivity cell, epoxy body, platinum sensor, with built-in temperature sensor.	10
WD-35608-55	Conductivity cell, epoxy body, platinum sensor, with built-in temperature sensor.	0.1
WD-35608-57	Conductivity cell, Ultem body, steel sensor, with built-in	1.0



CON 410



3 Year Warranty
meter only

Specifications

Mode	Conductivity (CON 400 and 410 meters)	TDS (CON 410 meter only)	Temperature (CON 400 and 410 meters)
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
Cell constant (K)	0.1, 1, 10.0 (selectable)	—	—
Conductivity-to-TDS factor	—	0.4 to 1.0	—
Calibration	Up to five points (one point per range)	Up to five points (one point per range)	Offset 0.1° increments

Temperature compensation: automatic or manual (selectable) from 0 to 50°C

Operating temperature: 0 to 50°C (32 to 122°F)

Temperature coefficient: adjustable from 0.0 to 10.0% per °C

Memory: up to 50 data sets

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

Dimensions

Meter: 7.5"L x 3.75"W x 2.25"H (19 x 9.5 x 5.7 cm) Boxed: 9.2"L x 9.2"W x 2.75"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), instructions, and batteries.
WD-35608-10	CON 410 meter	Meter, conductivity cell 35608-50 (K = 1.0), instructions, and batteries.

WD-35607-69 Calibration kit contains four each of "Singles" TDS calibration solution pouches (447 µS, 1413 µS, 2764 µS, 15.0 mS), four rinse water pouches, one rinse bottle, three sample bottles, all in a hard plastic carrying case with room for your meter and probe. Dimensions: 11.5"L x 14"W x 3"H.

CON400_410PS-1LF