

CON 11 Standard Meter

Our most economical meter with dual display—lets you see both conductivity or TDS and temperature at a glance!

Measurements in both TDS or conductivity

Auto ranging across five ranges – For fast response and best resolution over a wide range

Built-in memory – Stores up to 50 readings

Four-point conductivity calibration—automatic or manual – Calibrate one point per range for high ±1% full-scale accuracy

Single- or multi-point calibration – For multirange calibration of highest accuracy

Selectable manual or automatic temperature compensation – Great accuracy in any application

Adjustable conductivity-to-TDS conversion factor from 0.4 to 1.0

Power with batteries or optional AC adapter – Use in the field or at your benchtop

Built-in stand – For benchtop or long-term use

Ready indicator – Indicates when your measurement has stabilized, so you always record the best reading

Hold function – Freezes measurements for convenient reading and recording

Auto-off function – Turns meter off after 20 minutes of nonuse to conserve batteries

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



Conductivity Cells

Conductivity cells feature a built-in temperature sensor. Choose a cell with
 K = 0.1 for low-range measurements;
 K = 1.0 for midrange measurements;
 K = 10 for high-range measurements.
 All measure 100 mm L x 12 mm dia with 3-ft (1-m) cable.

Catalog number	Description	Constant
WD-35608-55	Conductivity cell, epoxy body/platinum sensor	0.1
WD-35608-50	Replacement conductivity cell, epoxy body/stainless steel	1.0
WD-35608-51	Conductivity cell, epoxy body/platinum sensor	10

Specifications



Mode	Conductivity	TDS	Temperature
Range/Resolution	0.00 to 19.99 µS/0.01 µS, 20.0 to 199.9 µS/0.1 µS, 200 to 1999 µS/1 µS, 20.00 to 19.99 mS/0.01 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 to 110°C/0.1°C
Accuracy	±1% full scale		±0.5°C
Cell constant (K)	0.1, 1.0, 10.0 (selectable)		
Conductivity-to-TDS factor	Adjustable from 0.4 to 1.0		
Calibration	Up to five points (one point per range)		Offset 0.1°C increments

Temperature compensation: automatic or manual from 0 to 100°C

Temperature coefficient: 0 to 10%/°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), >200 hours continuous use; AC adapter (optional)

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 lb (0.5 kg); **Boxed:** 2 lb (0.9 kg)

Ordering Information

Catalog number	Description	Included
WD-35607-40	CON 11 meter	Meter, conductivity cell 35608-50 (K = 1.0), probe holder, and batteries
WD-35607-80	CON 11 meter kit	Meter, conductivity cell 35608-50 (K = 1.0), probe holder, calibration solution pouches (four each of 477, 1413, 2704, and 15,500 mS), four rinse pouches, batteries, and hard carrying case

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, rinse and 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 (29.2 x 35.6 x 7.6 cm).

WD-35615-75 Soft carrying case with belt loop. Protects meter while you take measurements—nylon with hook and loop straps

WD-35615-07 AC adapter, 110 VAC

WD-35615-08 AC adapter, 220 VAC



Water Treatment



Laboratory