

Benchtop CON 700 Conductivity Meter Data Sheet

- Compact size saves bench space
- Large, brightly lit display allows easy reading of measurements



WD-35411-00

CON 700 meter reads 0 to 200 mS across five ranges—autoranging feature automatically gives the best resolution for your measurements. Calibrate at up to five conductivity points (one per range) for improved measurement accuracy. Adjustable temperature coefficient provides additional accuracy. Selectable cell constant for very high or low range measurements. Selectable manual or automatic temperature compensation gives greater precision. Meter features a compact 6-1/8"L x 6-7/8"W x 2-3/4"H (15.5 x 17.5 x 6.9 cm) housing which takes up minimal bench space—nearly 40% less space than comparable meters. Water-resistant membrane keypad and convenient pull-out reference guide provide useful features for the lab. Oversized display measures 3-1/4" x 2-7/16" (8.3 x 6.2 cm) and is brightly lit for easy viewing of measurements. Display shows conductivity or TDS and temperature and has a “ready” indicator and Hold function. Additional meters features include datalogging capabilities up to 100 points, a built-in electrode stand that is switchable to either side of the meter, and selectable °F/°C temperature measurement.

Specifications & Ordering Information

Range	Conductivity	0.000 μ S/cm to 200 mS/cm (autoranging over 5 subranges)
	TDS	0.00 ppm to 100.0 ppt @ 0.5 factor (200.0 ppt @ 1.0 factor)
	Temperature	23 to 220°F (-5 to 105.0°C)
Resolution	Conductivity	0.01 μ S/cm, 0.1 μ S/cm, 1 μ S/cm, 0.01 mS/cm, 0.1 mS/cm
	TDS	0.01 ppm, 0.1 ppm, 1 ppm, 0.01 ppt, 0.1 ppt
	Temperature	0.1°F (°C)
Accuracy	Conductivity	\pm 1% FS
	TDS	\pm 1% FS
	Temperature	\pm 0.3°F (°C)
	Conductivity/TDS	5 points (one point per range)
Temperature compensation		Automatic or manual from 0 to 100°C
Temperature coefficient		Adjustable from 0.0 to 10% per °C
Cell Constant		Select from K =0.1, 1.0 , or 10
Conductivity-to-TDS factor		Adjustable from 0.4 to 1.0
Datalogging		100 data sets
Display		Custom 3-1/4" x 2-7/16" (8.3 x 6.2 cm) LCD
Power		110/240 VAC
Dimensions (L x W x H)		6-1/8" x 6-7/8" x 2-3/4" (15.5 x 17.5 x 6.9 cm)

Catalog number	Description
WD-35411-00	CON 700 meter with conductivity/temp probe (35608-74 K=1.0) , and electrode stand