

Waterproof Conductivity/TDS/Temperature Meters

Highly advanced microprocessor-based conductivity meters with waterproof buoyant housing

- Durable, waterproof and dustproof IP67-rated design
- Easy-to-clean housing is 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
- Temperature measurement is °F or °C selectable
- Manual or automatic temperature compensation for the highest accuracy in any situation
- Selectable temperature coefficient is 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 = 10.0 for concentrated solutions
- Reads conductivity from 0 to 199.9 mS in five ranges
- Switch between conductivity and TDS measurement with a press of a button



35618-00

SPECIFICATIONS			
Mode	Conductivity	TDS	Temperature
Range/ Resolution	0.00 to 19.99 μ S/0.01 μ S, 0.0 to 199.9 μ S/0.1 μ S, 0 to 1999 μ S/1 μ S, 0.00 to 19.99 mS/0.01 mS, 0.0 to 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 to 99.9 ppt/0.1 ppt, 100 to 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	\pm 1% full-scale	\pm 1% full-scale	\pm 0.5°C / \pm 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		
Temperature coefficient	Adjustable from 0.0 to 10.0% per °C		
Memory	Up to 50 data sets		
Dimensions (L x W x H)	7½" x 3¾" x 2¼" (190 x 95 x 57 mm)		
Power	Four AAA batteries, >100 hours continuous use		

What's included: Conductivity cell 35608-50 (K = 1.0) and four AAA batteries.

Catalog No.	Model No.	Description	Precalibrated Catalog No.
TS-35618-00	CON 400	CON 400 meter with conductivity cell 35608-50	TS-35618-03
Accessories			
TS-35617-69	—	Calibration kit contains four each of TDS calibration solution pouches (447 μ S, 1413 μ S, 2764 μ S, 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: 11½"L x 14"W x 3"H (292 x 356 x 76 mm).	
TS-35618-50	—	Replacement conductivity cell, K=1.0, Ultem® body, steel sensor. 3-ft (0.9-m) cable	
TS-35618-51	—	Conductivity cell, K = 10.0, epoxy body, platinum sensor. 3-ft (0.9-m) cable	
TS-35618-55	—	Conductivity cell, K = 0.1, epoxy body, platinum sensor. 3-ft (0.9-m) cable	
TS-35618-57	—	Conductivity cell, K = 1.0, Ultem body, steel sensor. 16-ft (4.8-m) cable	
TS-09386-00	—	Replacement batteries, AAA. 12/pk	
TS-17100-30	—	NIST-traceable calibration with data for conductivity meters	