

Basic Conductivity, TDS, and Salt Meters

Rugged and reliable meters with temperature measurements

Oakton® microprocessor-based meters feature easy, push-button operation and high accuracy at an extremely affordable price.

- Simple, push-button operation
- Temperature readout and automatic temperature compensation (ATC)
- Hold and Auto-off functions
- Protective rubber boot with built-in stand

CON 6+ and TDS 6+ Features

- Automatic or manual ranging across five ranges
- Quick single-point calibration covers all five ranges; for greater precision, single points can be calibrated within each of the five measurement ranges
- Easily measure application ranges from pure water to boiler blowdown water

SALT 6+ Features

- Custom conductivity-to-TDS curve provides the highest accuracy measurements
- Single-point calibration; use 4487 ppm calibration solution 00653-89



SPECIFICATIONS			
Model No.	CON 6+	TDS 6+	SALT 6+
Range	0.00 to 20.00 μ S, 0 to 200.0 μ S, 0 to 2000 μ S; 0 to 20.0 mS, 0 to 200.0 mS	0.00 to 10.00 ppm, 10.0 to 100.0 ppm, 100 to 1000 ppm; 1.00 to 10.0 ppt, 10.0 to 100.0 ppt, up to 200.0 ppt	1 to 50 ppt; 0.1 to 5.0%
Resolution	0.01 μ S, 0.1 μ S, 1.0 μ S; 0.01 mS, 0.1 mS	0.01 ppm, 0.1 ppm, 1.0 ppm, 0.01 ppt, 0.1 ppt, dependent on TDS factor	0.1 ppt; 0.01%
Accuracy	\pm 1% full scale	\pm 1% full scale	\pm 1% full scale
Calibration	Automatic or manual	Automatic or manual	Automatic or manual
Calibration points	5 maximum, one per range	5 maximum, one per range	One point in 1 to 50 ppt range
Cell constant (K)	0.1, 1.0, or 10 (selectable)	0.1, 1.0, or 10 (selectable)	1.0
Conductivity-to-TDS / Saline conversion factor	—	Adjustable, 0.4 to 1.0	Nonlinear compensation
Temperature coefficient	Adjustable 0 to 3% per $^{\circ}$ C	Adjustable 0 to 3% per $^{\circ}$ C	Adjustable 0 to 3% per $^{\circ}$ C
Temperature range	-10.0 to 110.0 $^{\circ}$ C	-10.0 to 110.0 $^{\circ}$ C	-10.0 to 110.0 $^{\circ}$ C
Temperature compensation	Automatic from 0.0 to 50.0 $^{\circ}$ C	Automatic from 0.0 to 50.0 $^{\circ}$ C	Automatic from 0.0 to 50.0 $^{\circ}$ C
Dimensions (L x W x H)	5½" x 2¾" x 1¼" (140 x 70 x 35 mm)	5½" x 2¾" x 1¼" (140 x 70 x 35 mm)	5½" x 2¾" x 1¼" (140 x 70 x 35 mm)
Power	Four AAA batteries	Four AAA batteries	Four AAA batteries

What's included: Conductivity/temperature probe 35606-55 (K = 1.0), protective rubber boot, and four AAA batteries.

Kits add: Conductivity calibration solutions, sample bottles, rinse bottle, and carrying case.

Catalog No.	Model No.	Description	Precalibrated Catalog No.
TS-35614-00	CON 6+	Conductivity meter with probe 35606-55	TS-35614-01
TS-35614-04	CON 6+	Conductivity meter kit	TS-35614-05
TS-35614-20	TDS 6+	TDS meter with probe 35606-55	TS-35614-21
TS-35614-24	TDS 6+	TDS meter kit	TS-35614-25
TS-35614-40	SALT 6+	Salt meter with probe 35606-55	TS-35614-41
TS-35614-44	SALT 6+	Salt meter kit	TS-35614-45
Accessories			
TS-35616-53	—	Conductivity probe, K = 0.1	
TS-35616-55	—	Replacement conductivity probe, K = 1.0	
TS-35616-57	—	Conductivity probe, K = 10.0	
TS-01663-89	—	Calibration solution for SALT 6+ meter; 4487 ppm NaCl, 500-mL bottle	
TS-01663-18	—	Calibration standard; 1413 μ S, 500-mL bottle	
TS-09386-00	—	Replacement batteries, AAA, 12/pk	
MC-17090-30	—	NIST-traceable calibration for conductivity meters	