

TDS 6+ and SALT 6+ Meters

Autoranging with temperature at economical price

Wider measuring ranges – TDS 6+ features five measuring ranges up to 200.0 ppt

Easy, push-button operation

Temperature readout and automatic temperature compensation (ATC) – For high accuracy in changing temperature conditions

Hold function; Auto-off function – Meters shut off after 20 minutes of nonuse

Automatic or manual calibration – For quick and easy calibrations, use automatic mode with preset calibration points at the most popular values. For more flexibility, calibrate in the manual mode and set your calibration point at any value.

Setup functions – Customize automatic temperature compensation, cell constant, and TDS conversion factor for better accuracy and faster use

Includes fast-response probe – Easy to clean; 1.0 cell constant

Built-in stand for benchtop or long-term use

Protective rubber boot – Helps shield your meter from drops and dings

TDS 6+ features

Automatic or manual ranging across five ranges – For a wide variety of applications from pure water to boiler blow down water

SALT 6+ features

Custom conductivity-to-TDS conversion curve – For the highest accuracy



Meters include built-in stand and protective rubber boot.

See page 43 to order conductivity solutions and accessories.



Conductivity

Specifications

Model	TDS 6+	SALT 6+
Range/Resolution	0.00 to 10.00 ppm/0.01 ppm, 10.0 to 100.0 ppm/0.1 ppm, 100 to 1000 ppm/1 ppm, 1.00 to 10.00 ppt/0.01 ppt, 10.0 to 100.0 ppt/0.1 ppt, up to 200.0 ppt*	1 to 50.0 ppt/0.1 ppt, 0.1 to 5.00%/0.01%
Accuracy	±1% full-scale	±1% full-scale
Cell constant	0.1, 1, and 10 (selectable)	1.0
Conductivity-to-TDS/ Saline conversion factor	0.4 to 1.00 adjustable	Nonlinear compensation
Calibration	Up to 5 points, one per band on conductivity range	One point in 1 to 50 ppt range
Ranging	Automatic or manual (selectable)	—

*Depending on TDS factor setting.

Temperature range: -10.0 to 110.0°C

Temperature resolution/accuracy: 0.1°C/±0.5°C

Temperature compensation: automatic or manual from 0.0 to 50.0°C

Temperature coefficient: adjustable: 0 to 3% per °C

Normalization temperature: 20 or 25°C, selectable

Probe connection

For conductivity, TDS, and SALT: BNC
For temperature: subminiature audio

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

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

Dimensions

Meter: 5½" x 2¼" x 1¼" (14 x 7 x 3.5 cm)

Probe: 5½" L x ⅝" dia with 36" L cable
(13 cm L x 1.6 cm dia with 91 cm L cable)

Boxed: 8¼" x 5½" x 3" (21 x 15 x 7.5 cm)

Weight

Meter: 0.9 lb (0.4 kg); **Boxed:** 1 lb (0.5 kg)

Ordering Information

Catalog number	Precalibrated catalog number	Description	Included
WD-35604-20	WD-35604-21	TDS 6+ meter	Meter, conductivity probe (cell constant K = 1.0), protective rubber boot, and batteries
WD-35604-24	WD-35604-25	TDS 6+ meter kit	Meter, conductivity probe (cell constant K = 1.0) calibration pouches, sample bottles, hard plastic carrying case, protective rubber boot, and four AAA batteries
WD-35604-40	WD-35604-41	SALT 6+ meter	Meter, conductivity probe (cell constant K = 1.0), protective rubber boot, and batteries
WD-35604-44	WD-35604-45	SALT 6+ meter kit	Meter, conductivity probe (cell constant K = 1.0) calibration pouches, sample bottles, hard plastic carrying case, protective rubber boot, and four AAA batteries

WD-35606-53 Conductivity probe, K = 0.1

WD-35606-55 Replacement conductivity probe, K = 1.0

WD-35606-57 Conductivity probe, K = 10

WD-35632-97 Carrying case for 6+ meters. Includes rinse bottle and sample bottles.