

CON 6+ Meter

Variety of features at an economical price!

Wider measuring ranges – CON 6+ features five measuring ranges up to 200.0 mS

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

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. Five-point calibration.

Setup functions – Customize automatic temperature compensation and cell constant for better accuracy and precision

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



CON 6+



Meter includes built-in stand and protective rubber boot.

See page 43 to order conductivity solutions and accessories.

Specifications

Model	CON 6+
Range (Resolution)	0 to 20.00 μ S (0.01 μ S), 0 to 200.0 μ S (0.1 μ S), 0 to 2000 μ S (1 μ S), 0 to 20.00 mS (0.01 mS), 0 to 200.0 mS (0.1 mS)
Accuracy	$\pm 1\%$ full scale
Cell constant	0.1, 1, and 10 (selectable)
Calibration	Up to 5 points, one per band on conductivity range
Ranging	Automatic or manual (selectable)

Temperature range: -10.0 to 110.0°C

Temperature resolution/accuracy: $0.1^{\circ}\text{C}/\pm 0.5^{\circ}\text{C}$

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

Temperature coefficient: adjustable from 0 to 3% per $^{\circ}\text{C}$

Normalization temperature: 20 or 25°C , selectable

Probe connection

For conductivity: 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: $5\frac{1}{2}'' \times 2\frac{3}{4}'' \times 1\frac{1}{4}''$ ($14 \times 7 \times 3.5$ cm)

Probe: $5\frac{1}{8}''$ L x $\frac{3}{8}''$ dia with 36" L cable (13 cm L x 1.6 cm dia with 91 cm L cable)

Boxed: $8\frac{1}{4}'' \times 5\frac{5}{8}'' \times 3''$ ($21 \times 15 \times 7.5$ cm)

Weight

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

ISO9001:2008
REGISTERED QUALITY SYSTEM



3 year
warranty
meter only

Ordering Information

Catalog number	Precalibrated catalog number	Description	Included
WD-35604-00	WD-35604-01	CON 6+ meter	Meter, conductivity probe (K = 1.0), protective rubber boot, and four AAA batteries
WD-35604-04	WD-35604-05	CON 6+ meter kit	Meter, conductivity probe (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