

CON 600 and CON 610 Meters

Conductivity, TDS, resistivity, salinity—measure from pure water to seawater!

Durable waterproof and dustproof design with IP67 rating – Even with no probes attached

Single or multipoint calibration; auto or manual – Fast, trouble-free calibration for more accurate measurements

Large backlit graphic display – Multi-line display with electrode status indicator, calibration data, and more

User-settable “calibration due” alarm – Out-of-date or unperformed calibrations are now things of the past!

Built-in real-time clock – Time-and-date stamping meets Good Laboratory Practice (GLP) standards

Advanced data management – Store up to 500 data sets and download via Infrared IrDA wireless interface

Set point alarms – Audible warning when readings are outside set points limit

Accept 2-cell and 4-cell conductivity probes – Measure over a broad conductivity range up to 500 mS/cm

Password protection – Security for calibration and setup menus

Rugged rubber boot – Protects meter from bumps and dings (optional; included with kits)



Rubber boot protects meter in rugged environments



Multiparameter 650-Series meters are available. See pages 57–60.



Specifications

| Model | CON 600 meter | CON 610 meter |
|---------------------|---|------------------------------------|
| Conductivity | 0 to 200.0 mS | 0 to 500.0 mS |
| TDS | 0 to 200 ppt | 0 to 500 ppt |
| Salinity | — | 0 to 80 ppt |
| Resistivity | — | 0 to 20.00 MΩ |
| Temperature | -10.0 to 110.0°C (14.0 to 230.0°F) | -10.0 to 110.0°C (14.0 to 230.0°F) |
| Resolution | 0.05% full-scale; 0.1°C (0.1°F) | |
| Accuracy | ±1% full-scale; ±0.5°C (±0.9°F) | |
| Calibration | Manual cal, up to 5 points (1 per range); automatic up to 4 points (84.0 μS/cm, 1413 μS/cm, 12.88 mS/cm, 111.8 mS/cm). Temperature offset 0.1°C (0.1°F) increments. | |

TDS factor: 0.40 to 1.00

Cell constant: 0.010 to 10.000

Memory: up to 500 sets with GLP date and time

Output: infrared, IrDA

Real-time clock: time-and-date stamp on calibration and stored data

Temperature normalization: 15 or 30°C

Temperature coefficient: linear or pure (610 only)

Temperature compensation: automatic or manual (selectable) from 0 to 100°C

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

Power: four 1.5 V AA batteries (included) or optional universal AC adapter, up to 200 hours continuous use

Dimensions

Meter: 7¼" L x 3¼" W x 2¼" H (18.4 x 8.3 x 5.7 cm)

Boxed: 9½" L x 9½" W x 2¼" H (23 x 23 x 7 cm)

Weight

Meter: 1 lb (0.5 kg); **Boxed:** 2 lb (0.9 kg)

Ordering Information

| Catalog number | Description | Included |
|----------------|--------------------|--|
| WD-35408-02 | CON 600 meter only | Meter and batteries |
| WD-35408-12 | CON 610 meter only | Meter and batteries |
| WD-35408-00 | CON 600 meter | Meter, conductivity cell 35408-52, and batteries |
| WD-35408-10 | CON 610 meter | Meter, conductivity cell 35408-52, and batteries |
| WD-35408-70 | CON 600 meter kit | Meter, conductivity cell 35408-52, conductivity standards (60 mL each of four solutions; 1413 μS, 12.88 mS, 3000 ppm, and rinse water), rubber boot, electrode holder, batteries, and hard carrying case |
| WD-35408-80 | CON 610 meter kit | Meter, conductivity cell 35408-52, conductivity standards (60 mL each of four solutions; 1413 μS, 12.88 mS, 3000 ppm, and rinse water), rubber boot, electrode holder, batteries, and hard carrying case |

WD-35408-50 Conductivity cell, 2-electrode, K = 0.1

WD-35408-52 Conductivity cell, 2-electrode, K = 1

WD-35408-54 Conductivity cell, 2-electrode, K = 10

WD-35408-56 Conductivity cell, 4-electrode, K = 0.3

WD-35418-83 Optional adapter, 110/220 VAC

WD-35418-86 Protective rubber boot for all 600- and 610- series meters



Laboratory



Industrial



Seawater Testing