OAKTON®

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User-settable "calibration due" alarm – Out-of-date or unperformed calibrations are now things of the past!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

Laboratory

Industrial

Seawater Testing

ISO9001:2000 CERTIFIED SUPPLIER   CE   **3** year warranty meter only

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: 9⅛"L x 9⅛"W x 2¾"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

...setting the standard again and again®