Oakton® Benchtop CON 700 and 2700 Meters

Don't waste your valuable bench space

- No more squinting—large display allows for reading across the room
- Get the best resolution—autoranging feature reads 0 to 200.0 mS across five ranges
- More accurate—adjustable temperature coefficient, selectable cell constant, and automatic temperature compensation
- Store up to 500 readings for later retrieval

Oakton CON 2700 meter has advanced features for GLP-compliant readings—all calibration and stored data are stamped with time/date. Advanced setup options let you customize the meter to your needs. Informative display shows measurements together with temperature, electrode status, calibration points, time, and date all at once! Programmable functions include data logging intervals, limit alarms, and password protection. Data is easily exported to a computer via RS-232 port (order cable and adapter separately below).

What's included: conductivity/temperature probe 35608-74 (CON 700) or 35412-10 (CON 2700), electrode stand, and universal 100/240 VAC power supply.

Features water-resistant keypad and pull-out reference guide.

OAKTON®

Save time, save money!

Choose Precalibrated
Includes a data-rich, ISO 17025 certificate—**no additional charge!**
Precalibrated by INNOCAL® INNOVATIVE CALIBRATION SOLUTIONS

ISO 9001:2008 CERTIFIED SUPPLIER

CE Meter only

Description		CON 700 meter	Precalibrated CON 700 meter	CON 2700 meter	Precalibrated CON 2700 meter
Catalog number		GH-35411-00	GH-35411-01	GH-35412-00	GH-35412-01
Range	Conductivity	0.0 to 20.00, 0 to 200.0, 0 to 2000 µS; 0 to 20.00, 0 to 200.0 mS		0.0 to 20.00, 0 to 200.0, 0 to 2000 µS; 0 to 20.00, 0 to 500.0 mS	
	TDS	0.00 to 100.0 ppt		0.050 to 500.0 ppt	
	Salinity	—		0.0 to 80.0 ppt	
	Resistivity	—		2.000 Ω to 20.0 MΩ	
	Temperature	32.0 to 212°F (0.0 to 100.0°C)		32.0 to 212°F (0.0 to 100.0°C)	
Resolution	Conductivity	0.01, 0.1, 1 µS; 0.01, 0.1 mS		0.01, 0.1 µS; 0.001, 0.01, 0.1 mS	
	TDS	0.01, 0.1, 1 ppm; 0.01, 0.1 ppt		0.01, 0.1 ppm; 0.001, 0.01, 0.1 ppt	
	Salinity	—		0.01, 0.1 ppm; 0.001, 0.01, 0.1 ppt	
	Resistivity	—		0.01 MΩ, 0.001, 0.01 kΩ, 0.01, 0.1 Ω	
	Temperature	0.1°F or °C		0.1°F or °C	
Accuracy	Conductivity	±1% full-scale		±1% full-scale	
	TDS	±1% full-scale		±1% full-scale	
	Salinity	—		±1% full-scale	
	Resistivity	—		±1% full-scale	
	Temperature	±0.9°F (±0.5°C)		±0.5°F (±0.3°C)	
Temperature compensation		Automatic or manual, adjustable from 0.0 to 10% per °F/°C		Automatic or manual, adjustable from 0.0 to 10% per °F/°C	
Cell constant (K)		Select from K = 0.1, 1.0, or 10		0.010 to 10.000	
Conductivity-to-TDS factor		Adjustable from 0.4 to 1.0		Adjustable from 0.4 to 1.0	
Data logging		100 data sets		500 data sets	
Output		—		RS-232	
Power		100/240 VAC with universal adapter (included)		100/240 VAC with universal adapter (included)	
Price					

Teky's Tips

2-cell vs 4-cell conductivity probes

Most conductivity meters use either 2-cell or 4-cell conductivity probes. 2-cell probes feature electrode surfaces made of platinum, titanium, gold-plated nickel, or graphite, and are good for general applications. 4-cell electrodes use a reference voltage to compensate for any polarization or fouling of the electrode plates. The reference voltage ensures measurements indicate actual conductivity independent of electrode condition, resulting in higher accuracy.

Conductivity Probes

Cell constant (K)	Body/electrode	Catalog number	Price
2-cell conductivity probes for CON 700 or CON 2700 meters			
0.1	Epoxy/platinum	GH-35608-72	
1.0	Ultem®/stainless steel	GH-35608-74	
1.0	Glass/platinum	GH-35608-76	
10	Epoxy/platinum	GH-35608-78	
4-cell conductivity probes for CON 2700 meter only			
0.1	Epoxy/platinum	GH-35608-90	
1.0	Epoxy/graphite	GH-35412-10	
1.0	Glass/platinum	GH-35608-92	
10	Epoxy/platinum	GH-35608-94	

Accessories

GH-35420-01 **RS-232 cable**
for 2700 series meters

GH-35630-53 **USB cable**
for 2700 series meters

GH-17090-30 **NIST-traceable calibration**
with data for conductivity meters