

Oakton® Waterproof EcoTestr™ CTS Pocket Meter

Better results—easier and faster

- Conductivity, TDS, and salinity combined into one meter
- Large dual-line display shows parameter and temperature readings simultaneously
- Easier, more intuitive interface and indicators for battery life, readiness, and calibration
- Use redesigned cap as sample cup and as a stabilising base to stand the meter upright
- Convenient—attach a lanyard to prevent losing or dropping in the field

“Easy to use.”



ISO9001:2008
CERTIFIED SUPPLIER



Description		EcoTestr (CTS) Con/TDS/Salinity
Catalogue number		MY-35462-11
Range	Conductivity	0.00 to 20.00 mS/cm
	TDS	0.00 to 20.00 ppt (with TDS factor 1.0)
	Salinity	0.0 to 10.0 ppt
	Temperature	0.0 to 50.0°C (32.0 to 122.0°F)
Resolution	Conductivity	10 µS, 0.1 mS
	TDS	10 ppm, 0.1 ppt
	Salinity	0.1 ppt
	Temperature	0.1°
Accuracy	Conductivity	±2% full-scale ±1 LSD
	TDS	±2% full-scale ±1 LSD
	Salinity	±2% full-scale ±1 LSD
	Temperature	0.5°C + 1 LSD
Temperature compensation		Automatic
Calibration		Single point
Power		Four 1.5 V miniature batteries (included)

Oakton® CTSTestr™ 50 Pocket Testers

Get benchtop accuracy in the field

- Measure conductivity, TDS, and salinity with ±1% FS accuracy
- Save money—replaceable sensor lets you use tester body over and over again
- Set up and calibrate quickly with easy-to-navigate interface
- Selectable TDS factor adds versatility
- Leakproof, stabilising cap—use to calibrate, stand upright, and store sensor
- Waterproof IP67-rated and factory calibrated



ISO9001:2008
CERTIFIED SUPPLIER



Model		CTSTestr 50P (pin-style sensor)	CTSTestr 50C (cup-style sensor)
Catalogue number		MY-35634-55	MY-35634-65
Range	Conductivity	0.0 to 200.0 µS, 200 to 2000 µS; 2.00 to 20.00 mS	
	TDS	0.0 to 100.0 ppm, 100 to 1000 ppm; 0.10 to 10.00 ppt (TDS factor 0.5)	
	Salinity	0.00 to 10.00 ppt	
	Temperature	0 to 60°C (32 to 140°F)	
Accuracy		±1% full-scale (conductivity, TDS, and salinity)	
Calibration		Up to 3 points (conductivity and TDS); 1 point (salinity)	
TDS factor		0.40 to 1.00 (selectable)	
Temp. compensation		Automatic	
Power		Four AAA 1.5 V batteries (included)	

Oakton® Waterproof EcoTestr™ Conductivity Pocket Testers

Durable and easy to use

- View measurements clearly on large, dual-line LCD
- IP67-rated housing is waterproof, dustproof, and floats in water
- Leakproof cap with fill line functions as a sample/calibration and hydrating cup
- Secure—attach a lanyard to prevent losing or dropping in the field



35634-08

Model		EC1	TDS1	Salt1
Catalogue number		MY-35634-06	MY-35634-08	MY-35634-12
Range	Conductivity	0.1 to 200.0 µS/cm, 0 to 2000 µS/cm, 0.00 to 20.00 mS/cm	—	—
	TDS	—	0.0 to 100.0 ppm, 0 to 1000 ppm, 0.00 to 10.00 ppt	—
	Salinity	—	—	0.00 to 10.00 ppt
	Temperature	0.0 to 50.0°C (32.0 to 122.0°F)		
Accuracy	Conductivity	±1% full-scale ±1 digit	—	—
	TDS	—	±1% full-scale	—
	Salinity	—	—	±1% full-scale
	Temperature	±0.5°C	±0.5°C	±0.5°C
Temp. compensation		Automatic, 0 to 50°C		
Calibration		1 or 2 points		
Power		Four AAA batteries (included), 400 hours of continuous use		

Oakton® Waterproof CTSTestr™ 5 Pocket Tester

Save money by replacing sensor, not tester!

- Replaceable sensor lets you use the tester body over and over again
- Two-colour backlight indicates operating mode—blue for measurement, green for calibration
- Rugged IP67-rated housing is waterproof, dustproof, and floats in water when sensor cap is on
- Leakproof cap with fill line functions as a sample/calibration and hydrating cup



Model		CTS5
Catalogue number		MY-35634-42
Range	Conductivity	0.1 to 200.0 µS/cm, 0 to 2000 µS/cm, 0.00 to 20.00 mS/cm
	TDS	0.0 to 100.0 ppm, 0 to 1000 ppm, 0.00 to 10.00 ppt
	Salinity	0.00 to 10.00 ppt
	Temperature	0.0 to 50.0°C (32.0 to 122.0°F)
Accuracy	Conductivity	±1% full-scale
	TDS	±1% full-scale
	Salinity	±1% full-scale
	Temperature	±0.5°C
Temp. compensation		Automatic, 0 to 50°C
Calibration		1 to 3 points, automatic recognition of standards
Power		Four AAA batteries (included)

Oakton® CON 6+ and TDS 6+ Meter Kits

Easy, push-button calibration

- High accuracy at an affordable price, ±1% across full scale
- Five auto-ranging measurement modes—up to 200.0 mS (200.0 ppt)
- Get more accurate calibration for all five ranges
- Get temperature readings at the touch of a button

Additional features include a convenient Hold function and auto-off function that shuts meter off after 20 minutes of nonuse. Programming functions allow customization of meter for temperature compensation, temperature coefficient, normalization, cell constant, and conductivity-to-TDS conversion factor (TDS 6+) for better accuracy in varying applications.

What's included: protective rubber boot with stand, conductivity/TDS/temperature probe (K = 1.0), calibration solutions, sample bottles, rinse bottle, hard plastic carrying case, and four AAA batteries.



Rubber boot protects meter and doubles as a convenient stand



Description	CON 6+ kit	Precalibrated CON 6+ kit	TDS 6+ kit	Precalibrated TDS 6+ kit
Catalogue number	MY-35604-04	MY-35604-05	MY-35604-24	MY-35604-25
Range	Conductivity	0 to 20.00, 0 to 200.0, 0 to 2000 µS; 0 to 20.00, 0 to 200.0 mS	—	—
	TDS	—	0 to 10.00, 10 to 100.0, 100 to 1000 ppm; 1.00 to 10.00, 10.0 to 100.0, up to 200.0 ppt†	—
	Temperature	-10.0 to 110.0°C	-10.0 to 110.0°C	—
Accuracy	Conductivity	±1% full-scale	—	—
	Temperature	±0.5°C	±0.5°C	—
Temp. compensation	Automatic or manual from 0.0 to 50.0°C			
Cell constant (K)	Selectable, 0.1, 1, and 10			
Conductivity-to-TDS conversion factor	—	—	0.4 to 1.00 adjustable	
Calibration points	5 maximum, one per range			
Power	Four AAA batteries (included)			

†With K = 10 probe

Save time, save money!

Choose Precalibrated

Includes a data-rich, ISO 17025-compliant certificate!

Precalibrated by **INNOCAL**
INNOVATIVE CALIBRATION SOLUTIONS

Accessories

- MY-35606-53 Conductivity probe, K = 0.1**
- MY-35606-55 Repl. conductivity probe, K = 1.0**
- MY-35606-57 Conductivity probe, K = 10**
- MY-09376-00 Replacement batteries, AAA. Pk of 12**
- MY-17090-30 ILAC MRA, NIST-traceable calibration with data for conductivity meters**

MYRON L Analog Conductivity, Resistivity, TDS, and Multiparameter Meters

No maintenance required

- Maintenance-free, built-in electrodes do not require replating
- Don't worry about fluctuations in temperature with automatic temperature compensation

Analyze your samples on-site with these portable meters. Optional conductivity range extender expands range by a factor of 10. Minimum sample volume is 25 mL.



Description	Conductivity meters			Conductivity/resistivity meter	Total dissolved solid meters		pH/conductivity meter
Catalogue number	MY-01489-10	MY-01489-20	MY-01489-35	MY-01489-30	MY-01489-15	MY-01489-25	MY-01489-62
Range	Conductivity	0 to 50 µS, 0 to 500 µS, 0 to 5000 µS	0 to 10 µS, 0 to 100 µS, 0 to 1000 µS, 0 to 10,000 µS	0 to 0.5 µS, 0 to 5 µS, 0 to 50 µS, 0 to 500 µS, 0 to 5000 µS	—	—	0 to 10,000 µS
	Resistivity	—	—	2 to 30 MΩ	—	—	—
	TDS	—	—	—	0 to 5000 ppm	0 to 50 ppm, 0 to 500 ppm, 0 to 5000 ppm	—
	pH	—	—	—	—	—	2.0 to 12.0 pH
Temperature compensation	Automatic from 10 to 71°C	Automatic from 10 to 71°C	Automatic from 10 to 71°C	Automatic from 0 to 49°C	Automatic from 10 to 71°C	Automatic from 10 to 71°C	Automatic from 10 to 71°C
Power	One 9 V battery (included)		Two 9 V batteries (included)		One 9 V battery (included)		Two 9 V batteries (included)

MY-01489-50 Range extender increases conductivity range by 10x (for example, 0 to 50,000 µS for model 01489-10)

MY-01489-48 Hard carrying case

MY-01489-51 Calibration kit for model 01489-62

MY-01489-63 Replacement pH sensor for model 01489-62

Oakton® Waterproof CON 150 Meter

Get more for your money

- Best value for an IP67-rated waterproof meter
- Know the status of your probe—intuitive, user-friendly icon displays cell constant
- Get quick and easy electrode attachment to a beaker or container with Grip-Clip™ holder
- Recall more data with expanded data logging for up to 150 data sets
- Versatile power supply—battery or AC

Rugged, waterproof housing is ideal for use in any environment. View more data simultaneously with large, three-line LCD providing conductivity or TDS measurement with temperature. Get faster calibration with auto-ranging and auto-cal functions for one calibration point per measurement range.

Features include adjustable conductivity-to-TDS factor, selectable temperature coefficient, ready (stability) indicator, smart averaging, hold function, calibration alarm (visible), battery life indicator, and probe status.

Meter includes: conductivity cell (K = 1.0), holder, and two batteries.
Kit adds: two calibration standards and hard carrying case.



Oakton® Waterproof CON 450 Meter

Easy to read in any environment

- Intuitive, user-friendly icon displays cell constant
- Easily attach electrode to a beaker or container with Grip-Clip™ holder
- Download and analyse up to 500 data sets with USB or RS-232 output
- ATC—more accuracy even in fluctuating temperatures

Waterproof, IP67-rated meter is ideal for even the harshest environments. View the main measurement simultaneously with temperature on backlit display. Get faster calibration with auto-cal function, which permits one calibration point per measurement range.

Features include adjustable conductivity-to-TDS factor, selectable temperature coefficient, ready (stability) indicator, smart averaging, hold function, calibration alarm, battery life-indicator, and electrode status.

Meter includes: conductivity cell (K = 1.0), holder, and batteries.
Kit adds: calibration standards and hard carrying case.



Easy one-button data logging



Description	CON 150 meter with probe	CON 150 meter kit
Catalogue number	MY-35607-32	MY-35607-90
Precalibrated cat. no.	MY-35607-34	MY-35607-91
Range	Conductivity	0 to 200 mS
	TDS	0 to 200 ppt
	Temperature	-10.0 to 110.0°C (-17.0 to 230.0°F)
Resolution	Conductivity	0.01 µS to 0.1 mS
	TDS	0.01 ppm to 0.1 ppt
	Temperature	0.1°C
Accuracy	Conductivity	±1% full-scale
	TDS	±1% full-scale
	Salinity	±1% full-scale
	Temperature	±0.5°C
Calibration	Conductivity	Auto/manual; 1 point/range
	TDS	Auto/manual; 1 point/range
	Temperature	Offset 0.1 increments
Temperature compensation	Automatic or manual from -10 to 110°C	
Conductivity-to-TDS factor	0.4 to 1.0	
Data logging	Stores up to 150 data sets	
Power	Two AA batteries (included); universal power adapter (optional)	

Accessories

- MY-35608-55 Conductivity cell, K = 0.1**
- MY-35608-50 Replacement conductivity cell, K = 1.0**
- MY-35608-51 Conductivity cell, K = 10**
- MY-35614-51 Hard carrying case**
- MY-35420-72 Optional power adapter, 110/220 VAC**
- MY-17090-30 ILAC MRA, NIST-traceable calibration with data for conductivity meter**



Description	CON 450 meter with probe	CON 450 meter kit
Catalogue number	MY-35608-32	MY-35608-80
Precalibrated cat. number	MY-35608-34	MY-35608-81
Range	Conductivity	0 to 200 mS
	TDS	0 to 200 ppt
	Salinity	0 to 50 ppt
	Temperature	-10.0 to 110.0°C (-17.0 to 230.0°F)
Resolution	Conductivity	0.01 µS to 0.1 mS
	TDS	0.01 ppm to 0.1 ppt
	Temperature	0.1°C
Accuracy	Conductivity	±1% full-scale
	TDS	±1% full-scale
	Salinity	±1% full-scale
	Temperature	±0.5°C
Calibration	Conductivity	Auto/manual; 1 point/range
	TDS	Auto/manual; 1 point/range
	Salinity	Auto/manual; 1 point/range
	Temperature	±5.0° offset
Temperature compensation	Automatic or manual from -10 to 110°C	
Data logging	Stores up to 500 data sets	
Output	USB or RS-232	
Power	Two AA batteries (included); AC adapter (optional)	

Accessories

- MY-35608-55 Conductivity cell, K = 0.1**
- MY-35608-50 Replacement conductivity cell, K = 1.0**
- MY-35608-51 Conductivity cell, K = 10**
- MY-35614-51 Hard carrying case**
- MY-35630-53 Data cable for USB connectivity**
- MY-35420-01 Data cable for RS-232 connectivity**
- MY-35420-72 Optional power adapter, 110/220 VAC**

Oakton® CON 550 Benchtop Conductivity Meter

Economical, compact choice

- Automatically recognises calibration solutions
- Data logging allows you to store and recall up to 50 groups of data
- IP54-rated housing is dust- and spill-proof

Meter features a microprocessor chip which provides automatic calibration, automatic temperature compensation, data storage, parameter setup, and Max/Min readings. Meter reads 0 to 200 mS/cm across four ranges and the four-point conductivity calibration, with automatic solution recognition, makes calibration easy. Advanced digital processing technology improves meter response time and measuring accuracy. Stable reading display icon appears when the measuring value is stable.

Kit includes: plastic combination conductivity holder, conductivity standard calibration solutions (84 µS/1413 µS/12.88 mS; 50 mL each), and power adapter.



Model		CON 550
Catalogue number		MY-35419-35
Range	Conductivity	0 to 199.99 µS/cm, 200 to 1999 µS/cm; 2 to 19.99 mS/cm, 20 to 199.9 mS/cm
	TDS	0 to 99.9 mg/L, 100 to 999 mg/L; 1 to 9.99 g/L, 10 to 100 g/L
	Temperature	0 to 100°C (32 to 212°F)
Resolution	Conductivity	0.1, 1 µS/cm; 0.01, 0.1 mS/cm
	TDS	0.1, 1 mg/L; 0.01, 0.1 g/L
	Temperature	0.1°C (0.1/1°F)
Accuracy	Conductivity	±1.0% full-scale ±1 digit
	Temperature	±0.5°C ±1 digit
Temp. compensation		Automatic or manual, from 0 to 50°C
Calibration		1 to 3 points, automatic recognition of standards
Data logging		50 groups of data
Power		9 VAC DC power adapter

Oakton® Benchtop CON 700 and 2700 Meters

Don't waste your valuable bench space

- Space-saving design takes up less 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 customise 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.



Description	CON 700 meter	Precalibrated CON 700 meter	CON 2700 meter	Precalibrated CON 2700 meter
Catalogue number	MY-35411-00	MY-35411-01	MY-35412-00	MY-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	0.0 to 100.0°C (32.0 to 212°F)		0.0 to 100.0°C (32.0 to 212°F)
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°C or °F		0.1°C or °F
Accuracy	Conductivity	±1% full-scale		±1% full-scale
	TDS	±1% full-scale		±1% full-scale
	Salinity	—		±1% full-scale
	Resistivity	—		±1% full-scale
	Temperature	±0.5°C		±0.3°C
Temperature compensation	Automatic or manual, adjustable from 0.0 to 10% per °C		Automatic or manual, adjustable from 0.0 to 10% per °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)	

Conductivity Probes

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

Accessories

- MY-35420-01 RS-232 cable for 2700 series meters
- MY-35630-53 USB cable for 2700 series meters
- MY-17090-30 ILAC MRA, NIST-traceable calibration with data for conductivity meters

Oakton® Calibration Solutions, ILAC MRA, NIST-Traceable Reference Materials

Economical

- KCl, NaCl, and 442 conversions and temperature corrections printed right on the 500-mL bottle



Conductivity (µS)	Conductivity-to-TDS calibration values			Catalogue number
	ppm KCl	ppm NaCl	ppm 442	
23	11.6	10.7	14.74	MY-00653-23
84	40.38	38.04	50.5	MY-00653-16
447	226	215	300	MY-00653-47
1413	745	702	1000	MY-00653-18
1500	757	737	1050	MY-00653-15
2070	1045	1041	1500	MY-00653-27
2764	1382	1414	2062	MY-00653-20
8974	5101	4487	7608	MY-00653-89
12,880	7447	7230	11,367	MY-00606-10
15,000	8759	8532	13,455	MY-00653-50
80,000	52,168	48,384	79,688	MY-00653-32

Oakton® Conductivity Calibration Pouches

Calibrate on the go!

- Single-use pouches for easy calibrations
- Quick-reference conversion table printed on each pack



Conductivity (µS)	Conductivity-to-TDS calibration values			Catalogue number
	ppm KCL	ppm NaCl	ppm 442	
10	4.8	4.7	7.0	MY-35653-09
84	40.3	39.5	58.8	MY-35653-08
447	226	216	300	MY-35653-10
1413	745	702	1000	MY-35653-11
2764	1382	1414	2062	MY-35653-12
12,880	7470	7341	11,592	MY-35653-14
15,000	8759	8532	13,445	MY-35653-13
Rinse solution	—	—	—	MY-35653-00

Cole-Parmer® Extended-Life Conductivity Standards

Extend shelf life to 5 years!

- Sealed, metal-lined storage envelope eliminates transpiration—store up to 5 years before opening
- Open sealed envelope to begin the 1-year shelf life—bottle and Certificate of Analysis have a convenient marking area to write the new expiration date
- ILAC MRA, NIST-traceable calibration report from an ISO Guide 34 and ISO 17025 accredited laboratory included with each 500-mL bottle



Conductivity (µS)	Resistivity (MΩ·cm)	Conductivity-to-TDS calibration values (ppm KCl)	Catalogue number
2	0.5	0.3	MY-00651-41
10	0.1	4.4	MY-00651-42
100	0.01	51	MY-00651-43
147	0.007	73	MY-00651-44
1000	0.001	524	MY-00651-45
1413	0.00071	745	MY-00651-46
10,000	0.0001	5695	MY-00651-47
100,000	0.00001	65,611	MY-00651-48

Oakton® Traceable® Conductivity Solutions, ILAC MRA, NIST-Traceable Reference Materials

Trust your standards—high accuracy

- Up to ±0.25% accuracy verified by an ISO Guide 34 and ISO 17025 accredited lab



A. Batch-Tested Bottles, 500 mL

- Easy calibration with included instructions and temperature compensation chart
- Includes ILAC MRA, NIST-traceable certificate and batch testing information

B. Individually Tested Bottles, 500 mL

- Each bottle individually calibrated—ILAC MRA, NIST-traceable certificate included with serial number and testing information

- Easy calibration with step-by-step instructions and included temperature compensation chart

C. One-Shot® Vials, pack of six 100 mL vials

- Fresh solution each time you calibrate—single-use vials eliminate contamination

- Grab it and go—convenient for field use; calibrate right in vial

- Includes ILAC MRA, NIST-traceable calibration report and temperature compensation chart



Conductivity (µS)	Resistivity (MΩ·cm)	TDS (ppm)	Catalogue number
A. Batch tested, one 500 mL bottle			
1	1	0.66	MY-00652-20
5	0.2	3.3	MY-00652-22
10	0.1	6.6	MY-00652-24
100	0.01	66	MY-00652-26
1000	0.001	666	MY-00652-28
1413	0.00071	933	MY-00652-30
10,000	0.0001	6666	MY-00652-32
100,000	0.00001	66,666	MY-00652-34
150,000	0.0000066	100,000	MY-00652-53
200,000	0.000005	133,333	MY-00652-55
B. Individually tested, one 500 mL bottle			
1	1	0.66	MY-00652-40
5	0.2	3.3	MY-00652-42
10	0.1	6.6	MY-00652-44
100	0.01	66	MY-00652-46
1000	0.001	666	MY-00652-48
1413	0.00071	933	MY-00652-50
10,000	0.0001	6666	MY-00652-52
100,000	0.00001	66,666	MY-00652-54
150,000	0.0000066	100,000	MY-00652-56
200,000	0.000005	133,333	MY-00652-58
C. One-Shot®, pack of six 100 mL vials			
5	0.2	3.3	MY-00652-60
10	0.1	6.6	MY-00652-62
100	0.01	66	MY-00652-64
1000	0.001	666	MY-00652-66
1413	0.00071	933	MY-00652-68
10,000	0.0001	6666	MY-00652-70
100,000	0.00001	66,666	MY-00652-72
150,000	0.0000066	100,000	MY-00652-76
200,000	0.000005	133,333	MY-00652-78
Assortment†	—	—	MY-00652-74

†Assortment has one 100-mL vial each of 10, 100, 1000, 1413, 10,000, and 100,000 µS.