



Find Buffer Solutions and ORP Standards on page 607 and on Grainger.com.



pH Testers

- LCD display
- Automatic buffer recognition
- Batteries included
- All items are 1, 2, or 3 pt. calibration



Description	pH Range	pH Accuracy	ATC*	Temp. Range	Temp. Accuracy	Brand	Mr. Model	Item No.
Waterproof Palm pH Meter	0.00 to 14.00	±0.01	Yes	0° to 100°C, 32° to 212°F	±0.8°F	Extech	PH220-C	5AY49
Flat Surface Electrode	0.00 to 14.00	±0.01	Yes	-5° to 90°C, 23° to 194°F	±1.8°F	Extech	PH100	1MN58
Refillable pH Meter	0.00 to 14.00	±0.01	Yes	—	±1.8°F	Extech	PH110	3UNV4
Waterproof pH Testr 30	-1.00 to 15.00	±0.01	Yes	0° to 50°C, 32° to 122°F	±0.9°F	Oakton	WD-35634-30	9KJ81
Waterproof pHTestr 10 BNC	0.00 to 14.99	±0.02	Yes	0° to 50°C	—	Oakton	WD-35634-14	9CYL2
pH Meter	0.00 to 14.00	±0.1 Within 10°C of Calibration, ±0.2 Within 20°C	Auto 0.0° to 100.0°C or 32.0° to 212°F	0.0° to 100°C	±0.3°C (±0.6°F)	YSI	PH10A	25JY93
Economical pH Waterproof Pocket Meter	0.00 to 14.00	±0.1	Yes	—	±0.9°F	Oakton	3563405	55EP42

* Automatic temperature compensation.



Conductivity, TDS, and Salinity Testers

- LCD display
 - Auto temp. compensation, except 1ZKY6
- Waterproof testers feature high-accuracy, multiranging sensors with auto power off, data hold, low-battery indication and replaceable electrode module. Adjustable Conductivity to TDS ratio factor from 0.4 to 1.0. Batteries included.
- Note: See page 601 for Conductivity Standards.



MULTIPARAMETER

1ZKY6 stores up to 25 readings. Dual-display shows selected parameter and temp.

5AY46 alerts user when electrode needs replacement and stores up to 25 readings. Electrode replacement alert. **3VXN7** includes pH buffers and conductivity standards.

56AT42 is a 3-in-1 tester that displays readings simultaneously. Intuitive interface gives self-diagnostic error messages.

Description	Electric Conductivity Range	Electric Conductivity Accuracy	TDS Range	TDS Accuracy	Salinity Range	Salinity Accuracy	Operating Temp. Range	Temp. Accuracy	Calibration	Brand	Item No.
Conductivity Meters											
TDS/Cond. Meter	0 to 199.9 mS/cm	±1% F.S.	0 to 19.99 ppt	±1% F.S.	—	—	32° to 122°F	±0.9°F	1 point	Extech	38W993
	0 to 20 mS/cm	±1% Full Scale	—	—	—	—	32° to 122°F	±0.9°F	1 or 2 point	Oakton	55EP43
Conductivity Meter	0 to 1999 uS/cm	—	—	—	—	—	32° to 104°F	—	—	Ohaus	45MJ03
	0.0 to 199.9 uS/cm	—	—	—	—	—	32° to 104°F	—	—	Ohaus	45MJ05
TDS Meters											
TDS Meter	- 1999.9mV to + 1999.9 mV, - 1999mV to + 1999 mV	—	0 to 10 ppt	±1% Full Scale	—	—	32° to 122°F	±1% full scale	1 or 2 points	Oakton	55EP44
	—	—	0 to 1000 mg/L	±2.5% F.S.	—	—	50° to 104°F	—	—	Ohaus	45MJ09
	—	—	0 to 1000 mg/L	±2.5% F.S.	—	—	50° to 104°F	—	—	Ohaus	45MJ11
Salinity Meters											
Salinity Meter	±1999mV	—	—	—	0.0 to 10.0 ppt	±1% Full Scale	32° to 122°F	±0.9°F/0.5°C	1 pt.	Oakton	55EP45
	—	—	—	—	0 to 10.00 ppt, 10.01 to 70.1 ppt	±2% F.S.	32° to 122°F	±0.9°F/0.5°C	1 pt.	Extech	25KC69
	—	—	—	—	0 to 80 ppt	—	50° to 104°F	—	—	Ohaus	45MJ13
Multiparameter Testers											
ExStik II TDS/Cond./Salinity Pen	0 to 199.9 uS/cm, 200 to 1999 uS/cm, 2.00 to 19.99 mS/cm	±2% F.S.	0 to 99.9 ppm, 1.00 to 9.99 ppt, 100 to 999 ppm	±2% F.S.	0 to 99.9 ppm, 1.00 to 9.99 ppt, 100 to 999 ppm	±2% F.S.	32° to 149°F	±1.8°F	1 point, 2 point, 3 point	Extech	1ZKY6
ExStik pH/TDS/Cond./Salinity Pen	0 to 19.99 mS/cm	±2% F.S.	0.1 ppm (mg/L) to 9.99 ppt (g/L)	±2% F.S.	0.1 ppm (mg/L) to 9.99 ppt (g/L)	±2% F.S.	32° to 149°F	±1.8°F/1°C	1 point, 2 point, 3 point	Extech	5AY46
ExStik pH/TDS/Cond./Salinity Pen Kit	0 to 19.99 mS/cm	±2% F.S.	0 to 99.9 ppm, 1.00 to 9.99 ppt, 100 to 999 ppm	±2%	—	±2%	23° to 194°F	±1.8°F/1°C	1 point, 2 point, 3 point	Extech	3VXN7
CTS Waterproof Pocket Tester	0 to 20.00 mS/cm	—	0 to 10.0 ppt	—	0 to 10 ppt	—	32° to 122°F	—	1 to 3 point	Oakton	55EP38
PCTS Waterproof Pocket Tester	0 to 20.00 mS/cm	—	0 to 10.0 ppt	—	0 to 10 ppt	—	32° to 122°F	—	2 to 3 point	Oakton	55EP40
Conductivity, Salinity, TDS	0 to 20 mS/cm	±2% F.S.	0 to 0.00002 ppm	±2% F.S.	0 to 10 ppt	±2% F.S.	—	±0.9°F	1 point	Oakton	56AT42



ORP, DO, and Chlorine Testers

- Waterproof
- For replacement sensors and accessories, go to Grainger.com

Range	Accuracy	Operating Temp. Range	Temp. Accuracy	Brand	Mr. Model	Item No.
ORP Testers						
0 to ±1000mV	1mV	—	±0.9°F	Oakton	3563454	55EP36
-999 to 999mV	±4 mV	—	—	Extech	RE300	3VZG3
ORP Pen Tester						
-1100 to 1100mV	1mV ±1 LSD	32° to 122°F	±0.3°C/±0.6°F	YSI	ORP15A	25JY94
Dissolved Oxygen Tester						
0 to 200.0%	±2% FS	32° to 122°F	±1.8°F	Extech	DO600	5AY42
Chlorine Tester						
0.01 to 10.00 ppm	±0.02 ppm	23° to 194°F	±1.8°F	Extech	CL200	3MY51

ORP Testers—Feature auto-off, memory, hold function, low-battery indicator, flat surface electrode, and replaceable electrodes. Auto electronic 1-pt. self-calibration with digital display and bar graph. IP57 floating housing. 25JY94 has an easy-to-read graphic display with on-screen instructions.

Dissolved Oxygen Tester—Has LCD with analog bar graph, salinity compensation up to 50 ppt, 1-pt. calibration, and adjustable altitude compensation up to 20,000 ft.

Chlorine Tester—Pocket unit quickly measures total residual chlorine in drinking and cooling water, wastewater, spas, and pools. Dual-display simultaneously shows ppm and temp. 1-pt. calibration.