

Find Buffer Solutions and ORP Standards on page 634 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 Refillable pH Meter	0.00 to 14.00	±0.01	Yes	-5° to 90°C, 23° to 194°F	±1.8°F	Extech	PH100	1MN58
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 628 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 19.99 mS/cm	±1% F.S.	0 to 19.99 ppt	±1% F.S.	—	—	32° to 122°F	±0.9°F	1 point	Extech	38W993
Conductivity Meter	0 to 20 mS/cm	±1% Full Scale	—	—	—	—	32° to 122°F	±0.9°F	1 or 2 point	Oakton	55EP43
	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						
-110 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.

