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LabChem
performance through chemistry

Conductivity Standards

NIST Certified

Description	Container Size	Item No.
84umho/cm	500mL	8ENE7
447umho/cm	500mL	9F454
500umho/cm	1L	9LFD4
717umho/cm	1L	8G148
1000umho/cm	1L	9F455
1409umho/cm	1L	9GT62
1500umho/cm	500mL	8UWK9
2000umho/cm	1L	8G150
2765umho/cm	1L	8ENE8
3000umho/cm	1L	8G151
5000umho/cm	1L	9LKP9
8974umho/cm	500mL	8ENE9
12.856umho/cm	1L	9RD29
15,000umho/cm	500mL	9WKA3
100,000 umho/cm	1L	9LKR0



11L566

Handheld pH Meters

All models have automatic temperature compensation.

EXTECH

4FB74—Flip-up case provides an adjustable viewing angle. Includes pH mini-electrode, temperature probe, neck strap, and low-battery indicator.

4TXG4—Features automatic/selectable calibration, wide measuring range, and stores 200 sets of readings.

11L566—Dual-display features min./max., data hold functions, and auto power off. Stores 20M readings on SD card with date and time stamp that transfers directly into Excel. Includes pH electrode, temp. probe, SD card, (6) AA batteries, and case.

OAKTON

61UG49—Waterproof meter measures pH, ORP, and temperature. Memory of 500 data sets and backlit LCD. Includes electrode, calibration solutions, and (2) AA batteries.

793NE5—Waterproof meter measures ion concentration, mV, pH, and temperature. Has stability, calibration, and low-battery indicators. Includes LCD display, temperature probe and (3) AA batteries.

55EP30, 55EP32 and 55EP34—Waterproof meters with dual line LCD.

Description	pH Range	pH Accuracy	ORP Range	ORP Accuracy	Displayed Temp. Range	Temp. Accuracy	Calibration	Mfr. Model	Item No.
Extech									
pH Meter Kit	0.00 to 14.00	±0.02	-999 to 999mV	—	0° to 100°C, 32° to 212°F	0.8°F	5 pt	OYSTER-16	4FB74
pH/mV/Temp. Kit	-2.00 to 19.99	±0.02	-1999 to 1999mV	±0.15	0° to 100°C, 32° to 212°F	±1°F	3 point	PH300	4TXG4
pH/ORP/Temp. Kit	0 to 14	±0.02pH +2d	-1999 to 1999mV	±0.05% +2d	0° to 65°C, 32° to 149°F	±1.8°F/1°C	3 point	SDL100	11L566
Oakton									
pH 500 Meter	-2.00 to 16.00 pH	±0.01	-2000 to +2000 mV	±0.1 mV	-22 to 266°F, -30 to 130°C	±0.9°F	DIN up to 6, USA and NIST up to 5	35660-10	61UG49
pH Meter	0 to 14 pH	±0.01 pH	—	—	32° to 212° F	±0.9° F ±1 Digit	Automatic 1 to 3 Points	3561365	793NE5
pH Pocket Meter	-2.00 to 16.00 ±0.01 ±1 Digit	—	-1000 to 1000mV	—	—	±0.9°F	1 to 3 pt	3563416	55EP30
pH Flat-Tip Pocket Meter	-2.00 to 16.01 ±0.01 ±1 Digit	—	-1000 to 1000mV	—	—	±0.9°F	1 to 3 pt	3563446	55EP32
pH Spear-Tip Pocket Meter	-2.00 to 16.02 ±0.01 ±1 Digit	—	-1000 to 1000mV	—	—	±0.9°F	1 to 3 pt	3563452	55EP34



30XM71



21E905

EXTECH INSTRUMENTS OAKION INSTRUMENTS a xylem brand

Handheld Conductivity Meters

- Automatic temperature compensation
- Auto power off
- Include conductivity cell and batteries

21E905 has a protective rubber boot and comes with a conductivity probe K=1.0. 21E906 includes temperature probe K=1.0, calibration solutions, sample bottles, protective rubber boot, and carrying case.

Description	Electric Conductivity Range	Electric Conductivity Accuracy	TDS Range	TDS Accuracy	Salinity Range	Salinity Accuracy	Displayed Temp. Range	Temp. Accuracy	Calibration	Mfr. Model	Item No.
Extech											
pH/Cond/TDS Meter	0.00 to 199.9mS	+/-1.5% F.S.	0 to 100 ppm	+/-1.5% F.S.	0 to 100ppt	±1.5% F.S.	0° to 50°C, 32° to 122°F	±1°F	1 point, 2 point, 3 point	EC600	4TXG5
Conductivity Meter	2000 uS/20.00 mS/100 mS	+/-2% F.S.	1200 ppm/12000 ppm/66000 ppm	+/-2% F.S.	—	—	0° to 50°C, 32° to 122°F	±0.8°C	1 point	EC210	30XM71
Oakton											
Conductivity Meter	0 to 200 mS	1% F.S.	—	—	—	—	0° to 100°	(±) 0.5°C	Yes	WD-35604-00	21E905
Conductivity Meter Kit	0 to 200 mS	1% F.S.	—	—	—	—	0° to 100°	(±) 0.5°C	Yes	WD-35604-04	21E906
YSI											
Cond/Temp Meter	0 to 200 mS/cm (Auto Range)	—	0 to 100g/L, Constant Range 0.30 to 1.00	—	0 to 70 ppt	±1% of Reading or 0.1 ppt	-5° to +55°C	±0.2°C	Yes	PRO30	25JZ03 *

* Meter only.

Handheld Dissolved Oxygen Meters

- Automatic temperature compensation
- Include DO probe and batteries, except 25JZ15 only includes batteries

EXTECH INSTRUMENTS OAKION INSTRUMENTS a xylem brand



5MLL6

Description	DO Range	DO Range Accuracy	Oxygen Concentration	Displayed Temp. Range	Temp. Accuracy	Calibration	Mfr. Model	Item No.
Extech								
DO Meter	0 to 20 mg/L	±0.4 mg/L	0 to 100%	0° to 50°C, 32° to 122°F	0.8°C	Fresh Air	DO210	30XM73
DO Meter	0 to 20 mg/L	±0.4 mg/L	0 to 19.9 mg/L	0° to 50°C, 32° to 122°F	±1.5°F	1 point	407510	4KC32
Multi-function Meter	0 to 200%	±1.5%	0 to 40 mg/L	0° to 50°C, 32° to 122°F	1°F	Auto	DO700	4TXG6
Oakton								
DO Meter	0 to 20 mg/L (ppm)	±0.30 mg/L	—	32° to 212° F	±0.9° F ±1 Digit	Air Calibration with Calibration Sleeve	3564305	793NE8
DO Meter	0.0 to 20 mg/L (ppm)	(±) 1.5% F.S.	0 to 200%	Yes	(±)0.5°C	Yes	WD-35643-10	21E911
YSI								
Conductivity/DO Meter	0 to 50 mg/L	±2% of the reading or ±0.2 mg/L (Whichever is Greater up to 20 mg/L), ±6% of Reading from 20 to 50 mg/L	0 to 500%	-5° to 55°C	±0.3°C	—	Pro2030	5MLL6
DO Meter	0 to 50 mg/L	0 to 20 mg/L, ±2% of Reading or ±0.2 mg/L, 20 to 50 mg/L, ±6% of Reading	0 to 500% Air Saturation	-5° to 55°C EG11(0° to 45°C, DO Compensation Range for mg/L)	±0.2°C	Yes	Pro20	25JZ15
DO Meter	0 to 20 ppm	±2% of Reading or ±2% ppm	1 to 200%	-6° to 46°C, 21.2° to 114.8°F	±0.3°C ± 1 Digit	Back Up	ODO200CC-01	35MM93