

Water Quality Meters

Oakton pH Spear, ORPTestr 10, pHTestrs 30, 20 and 10

The Oakton pH Testr line features large LCD displays. These units offer all that you can ask for in a pen pH meter including replaceable electrodes, broad calibration range, and field replaceable batteries. All Testrs offer a one year warranty on the meter and 6 months on the electrodes.

FEATURES

- Large display screen
- Accuracy up to ± 0.01 pH
- Microprocessor based electronics
- Two or three point (USA or NIST) push-button calibration with buffer recognition
- User replaceable double junction, polymer sensor
- Automatic Temperature Compensation (ATC)
- Simultaneous temperature display in $^{\circ}\text{C}$ or $^{\circ}\text{F}$ (pHTester[®] 30)
- Self-diagnostic messages
- Non-volatile memory
- Freeze and Auto-off functions



SPECIFICATIONS

	pHTestr [®] 10	pHTestr [®] 20	pHTestr [®] 30	ORPTestr 10	pH Spear
pH Range	-1.0 to 15.0 pH	-1.0 to 15.0 pH	-1.0 to 15.0 pH	-999 mV to +1000 mV	-1.00 to 15.00
Resolution	0.1 pH	0.01 pH	0.01 pH	1 mV	0.01 pH
Relative Accuracy	± 0.1 pH	± 0.01 pH	± 0.01 pH	± 2 mV	± 0.01 pH
Calibration Up to 3 Points	Yes			Offset up to ± 150 mV	Up to 3 points
Calibration Buffer Option	USA: 4.01/7.00 / 10.01 NIST: 4.01 / 6.86 / 9.18			–	USA 4.01/7.00/10.01; NIST 4.01/6.86/9.18
Auto. Temp. Compensation	Yes	Yes	Yes	–	No (fixed compensation at 25°F)
Temperature Display	–	–	0° to 50°C (32° to 122°F)	None	None
Temperature Resolution	–	–	0.1°C/°F	–	–
Temperature Accuracy	–	–	$\pm 0.5^{\circ}\text{C}/0.9^{\circ}\text{F}$	–	–
Temperature Calibration Window	–	–	$\pm 5^{\circ}\text{C}/0.9^{\circ}\text{F}$ from default value	–	–
Sensor	Double-junction, Ag/AgCl system with polymer gel			Platinum band with double junction polymer gel reference	Spear tip gel-filled electrode
Auto Off	After 8.5 minutes from last key press				
User Reset	Yes				
Non-volatile Memory Back-up	Yes				
LCD Display	Dual 4-digit LCD			Dual	
Power Requirement	Four 1.5V alkaline button cell batteries				
Battery Life	More than 500 hours				
Operating Temperature	32° to 122°F (0° to 50°C)				
Dimensions, Weight	Tester: 6.5" L x 1.5" D; 3 oz. Boxed: 8.5" L x 2.25" W x 2" D; 6 oz.				

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