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SPECIFICATIONS

DOCUMENT #W28-07

YSI ORP15A ORP (redox)/Temperature

Accurate, Economical Pen-Style Measurement



Parameters:

Absolute mV
Relative mV
Temperature

Applications:

- Pulp Bleaching
- Bleach Production
- Water/Wastewater
- Aquaculture (Ozone)
- Fruit & Vegetable Washing
- Cooling Towers
- Swimming Pools/Spas
- Metal Finishing
- Poultry Processing

The EcoSense® ORP15A pen-style instrument provides an easy-to-use graphic interface, simple one-hand operation, memory, and low cost of ownership. The ORP15A measures ORP (absolute and relative mV) and temperature with the following features:

- IP-67 waterproof housing
- 1-year instrument warranty
- Automatic temperature compensation
- User-replaceable electrodes
- Clear, easy-to-read graphic display with on-screen instructions
- Absolute and relative mV readings
- "Hold" feature locks readings on display
- 50 data-set memory
- >200 hour battery life; low battery indicator
- CE compliance

The ORP15A is designed for quick, accurate results in an economical platform. With a one-year instrument warranty and six-month electrode warranty, the ORP15A will fit your needs for an easy-to-use mV instrument for food (vegetable washing and sanitizers), swimming pools, wastewater, and aquaculture sampling.

The ORP15A is a reusable pen-style instrument. The electrode cap is easy to replace while keeping the instrument. No throw-away instrument here!



YSI ORP15A System Specifications

ORP	Range	-1100 to +1100 mV
	Resolution	1 mV
	Accuracy	1 mV \pm 1 LSD
Temperature	Range	-10 to 100 °C (14.0 to 212 °F)
	Resolution	0.1 °C (0.2 °F)
	Accuracy	\pm 0.3 °C (\pm 0.6 °F)
Operating Range	0.0 to 50.0 °C (32.0 to 122.0 °F)	
Water Resistance	IP-67 waterproof case	
Weight with Batteries	105 grams (3.7 ounces)	
Dimensions	30 mm (1.18 in.) diameter at electrode collar; 19 mm (0.75 in.) diameter at widest point of sensor body without storage cap 182 mm long x 22 mm wide (7.17 in. x 0.87 in.)	
Battery	Four LR44 alkalines included with purchase	
Battery Life	200 hours or greater (low battery indicator)	
Warranty	One year instrument and six months electrode	
Auto Power	Powers off after 10 minutes of inactivity	
Offset Range	User input from -999 to +999 mV	
Temp Sensor	Thermistor, 10k ohms, at 25 °C	
Memory	Non-volatile; 50 sets (absolute or relative ORP, temperature, date and time stamp); erase all data function	

YSI ORP15A Ordering Information (order items separately)

ORP15A	ORP15A instrument (includes 606112 electrode, batteries, instruction manual)
606112	Replacement ORP electrode
605129	Carrying case, soft-sided
3682	Zobell, ORP calibration solution (125 mL bottle)
606118	Replacement battery kit (4 LR44 alkaline batteries; battery cover)

YSI

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