

Water Quality Meters

YSI 30 Salinity/Conductivity/Temperature Meter

Read salinity, temperature, conductivity, or specific conductance simultaneously using the YSI 30. Advanced users can easily adjust compensation to a specific temperature or saline solution. The operations manual provides reference tables and sections devoted to measurement science.

FEATURES

- Rugged probe and cable design
- Waterproof to IP65
- Easy to read, bright backlit display
- Microprocessor controlled self-diagnostics
- Built-in probe storage chamber
- Adjustable hand strap
- Meter available in 10, 25, 50, and 100 foot cable lengths
- 50 reading memory option available

SPECIFICATIONS

Operating Environment	Fresh, salt, or polluted water & other liquids
Depth	0-10, 0-25, 0-50, 0-100 ft. (cable length)
Storage Temperature	0° to +50°C
Material	ABS, stainless steel and other materials
Dimensions	9.5" L x 2.75" W x 2" H
Weight	4 lbs. (1.82 kg)
Display	1.5" L x 2.3" W (3.8 x 5.8cm)
Power	6 AA alkaline batteries (included)
Battery Life	Approximately 100 hours continuous
Water Tightness	Meets or exceeds IP65 standards
Range	User selected or automatic



Typical Performance:

	Range	Resolution	Accuracy
Conductivity	0 to 499.9µS/cm	0.1µ/cm	±0.5%FS*
	0 to 4999µS/cm	1.0µS/cm	±0.5%FS*
	0 to 49.99mS/cm	0.01mS/cm	±0.5%FS*
	0 to 200.0mS/cm	0.1mS/cm	±0.5%FS*
Salinity	0 to 80ppt	0.1ppt	±2% or ±0.1
Temperature	-5° to +95°C	0.1°C	±0.1°C
Conductivity Reference Temperature	15° to 25°C		
Conductivity Temperature Compensation	0% to 4%		

*For 50' cables, specifications are for specific conductance: > 100µS/cm
 Temp. compensation is automatic, reference temperature: 15-25°C
 Temperature Compensation Factor: 0%-4%

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