#### Y S I Environmental





# Pure Data for a Healthy Planet.

YSI handhelds add convenience to field measurement.

## Water quality handhelds for field work

Oxygen, Conductivity, Temperature, Salinity, pH

- Simple pushbutton calibration
- Built-in probe storage chamber
- · Backlit display for easy viewing in any light
- Convenient multiparameter probe designs
- Automatic temperature compensation
- Water-resistant to IP-65 standard
- Two-year instrument warranty

## YSI 55 oxygen & temperature

- Dissolved oxygen in mg/L or % saturation
- Salinity compensation
- Industry standard
- · Easy calibration

## YSI 85 oxygen, conductivity, salinity, & temperature

- 50-reading memory with ID
- User-selected or autoranging for conductivity
- Automatic salinity compensation
- Screw-on DO membranes

## YSI 60 pH & temperature

- 50-reading memory with ID
- Replaceable pH electrode with one-year warranty
- Cable lengths up to 100 feet

# YSI 63 pH, conductivity, salinity, & temperature

- 50-reading memory with ID
- Four-electrode conductivity cell
- User-selected or autoranging for conductivity
- Replaceable pH electrode with one-year warranty
- Cable lengths up to 100 feet

## YSI 30 & 30M conductivity, salinity, & temperature

- Four-electrode conductivity cell
- User-selected or autoranging for conductivity
- YSI 30M has 50-reading memory with ID





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To order or for more information, contact YSI Environmental.

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### **Instrument Specifications**

#### YSI 55 System oxygen & temperature

**Salinity compensation:** 0 to 40 ppt (manual) Altitude compensation: 0 to 10,000 feet

Cable lengths: 12, 25, 50 feet (3.7, 7.6, 15.2 meters), available with detachable cable

#### YSI 85 System oxygen, conductivity, salinity & temperature

Range: Autoranging for dissolved oxygen. User-selected or autoranging for conductivity

Adjustable conductivity reference temperature: 15 to 25°C

Adjustable conductivity temperature compensation factor: 0 to 4%

Salinity compensation: 0 to 80 ppt (automatic)
Altitude compensation: 0 to 10,000 feet

Cable lengths: 10, 25, 50, 100 feet (3, 7.6, 15.2, 30.5 meters), available with detachable cable

Measurement	Range	Resolution	<b>Accuracy</b> (meter & probe)
Dissolved Oxygen	0 to 200%	0.1%	±2% saturation
	0 to 20 mg/L	0.01 mg/L	±0.3 mg/L
Conductivity	0 to 499.9 μS/cm	0.1 μS/cm	±0.5% full scale
·	0 to 4999 μS/cm	1 μS/cm	±0.5% full scale
	0 to 49.99 mS/cm	0.01 mS/cm	±0.5% full scale
	0 to 200.0 mS/cm	0.1 mS/cm	±0.5% full scale
Salinity	0 to 80 ppt	0.1 ppt	$\pm 2\%$ or $\pm 0.1$ ppt
Temperature	$-5 \text{ to } +65^{\circ}\text{C}$	0.1°C	±0.1°C (±1 lsd)
	-5 to +45°C for oxyge	en	

#### YSI 60/63 Systems pH & pH/conductivity

pH electrode: Combination with gel reference

Range: Autoranging for pH, user-selected or autoranging for conductivity

Temperature compensation: Automatic

Adjustable conductivity reference temperature: 15 to 25  $^\circ\text{C}$  Adjustable conductivity temperature compensation factor: 0 to 4%

Cable lengths: 10, 25, 50, 100 feet (3, 7.6, 15.2, 30.5 meters)

Measurement	Range	Resolution	Accuracy (meter & probe)*
pН	0 to 14	0.01 unit	±0.1 unit within 10°C of calibration
•			±0.2 unit within 20°C
Conductivity	0 to 499.9 μS/cm	0.1 μS/cm	±0.5% full scale
·	0 to 4999 μS/cm	1 μS/cm	±0.5% full scale
	0 to 49.99 mS/cm	0.01 mS/cm	±0.5% full scale
	0 to 200.0 mS/cm	0.1 mS/cm	±0.5% full scale
Salinity	0 to 80 ppt	0.1 ppt	$\pm 2\%$ or $\pm 0.1$ ppt
Temperature	-5 to +75°C	0.1°C	±0.1°C (±1 lsd)
•			*Meter accuracy is $\pm 0.02$ unit.

#### YSI 30 System salinity, conductivity & temperature

Range: User-selected or autoranging

Adjustable reference temperature: 15 to 25°C

Adjustable temperature compensation factor: 0 to 4% Cable lengths: 10, 25, 50, 100 feet (3, 7.6, 15.2, 30.5 meters)

Measurement	Range	Resolution	<b>Accuracy</b> (meter & probe)
Conductivity	0 to 499.9 μS/cm	0.1 μS/cm	±0.5% full scale
	0 to 4999 μS/cm	1 μS/cm	±0.5% full scale
	0 to 49.99 mS/cm	0.01 mS/cm	±0.5% full scale
	0 to 200.0 mS/cm	0.1 mS/cm	±0.5% full scale
Salinity	0 to 80 ppt	0.1 ppt	$\pm 2\%$ or $\pm 0.1$ ppt
Temperature	-5 to +95°C	0.1°C	±0.1°C (±1 lsd)