

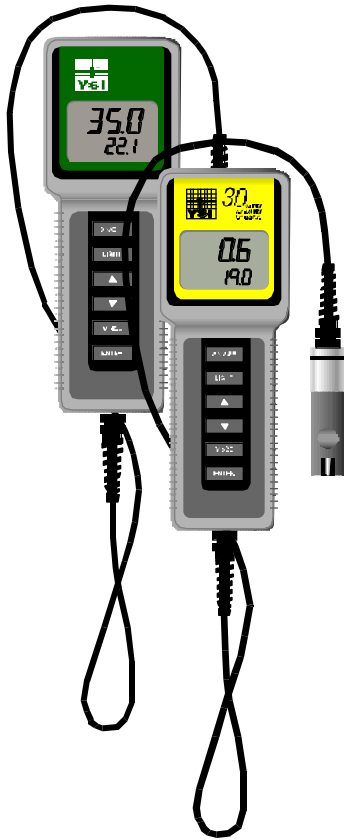


Handheld Meters

Water quality systems for field work

oxygen, conductivity, temperature, salinity, pH

Pushbutton calibration with built-in probe storage chambers, simultaneous temperature display with the other readings, backlit displays for easy reading in any light, multi-parameter capability in single probes, automatic temperature compensation, waterproof to IP65 standard, battery-operated



Who's
Minding
the Planet?™

*YSI handhelds add
convenience to
field measurement.*



YSI 55 oxygen & temperature

- Dissolved oxygen in mg/L or % oxygen
- Salinity compensation
- Industry standard



YSI 85 oxygen, conductivity, salinity, & temperature

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



YSI 95 oxygen & temperature

- Patented MEA oxygen sensor eliminates stirring
- Screw-on membranes
- 50-reading memory with ID
- Electronic filter for stable readings



YSI 63 & 60 pH, conductivity, & salinity/pH, & temperature

- 50-reading memory with ID
- User-selected or autoranging for conductivity
- Replaceable pH electrode with 1-year-warranty
- Cable length 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



To order or for more information, contact YSI Environmental.

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ISO 9001
ISO 14001

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Instrument Specifications

YSI 95 System oxygen & temperature

Salinity compensation: 0 to 80 ppt
Altitude compensation: 0 to 10,000 feet
Temperature compensation: Automatic
Cable lengths: 10, 25, 50, 100 feet (3, 7.6, 15.2, 30.5 meters)

Measurement	Range	Resolution	Accuracy (meter & probe)
Dissolved	0 to 500%	0.1%	±2% saturation or ±0.2 mg/L,
Oxygen	0 to 50 mg/L	0.01 mg/L	whichever is greater
Temperature	-5 to +45°C	0.1°C	±0.2°C

YSI 55 System oxygen & temperature

Salinity compensation: 0 to 40 ppt
Altitude compensation: 0 to 10,000 feet
Cable lengths: 12, 25, 50 feet (3.7, 7.6, 15.2 meters)

Measurement	Range	Resolution	Accuracy (meter & probe)
Dissolved	0-200%	0.1%	±2% saturation
Oxygen	0-20 mg/L	0.01 mg/L	±0.3 mg/L
Temperature	-5 to +45°C	0.1°C	±0.2°C

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
Altitude compensation: 0 to 10,000 feet
Cable lengths: 10, 25, 50, 100 feet (3, 7.6, 15.2, 30.5 meters)

Measurement	Range	Resolution	Accuracy (meter & probe)
Dissolved	0 to 200%	0.1%	±2% saturation
Oxygen	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	±2% or ±0.1 ppt
Temperature	-5 to +65°C	0.1°C	±0.1°C (±1 lsd)
	-5 to +45°C for oxygen		

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 feet (3, 7.6, 15.2 meters)

Measurement	Range	Resolution	Accuracy (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	±2% or ±0.1 ppt
Temperature	-5 to +95°C	0.1°C	±0.1°C (±1 lsd)

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°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)*
pH	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% fs
	0 to 4999 µS/cm	1 µS/cm	±0.5% fs
	0 to 49.99 mS/cm	0.01 mS/cm	±0.5% fs
	0 to 200.0 mS/cm	0.1 mS/cm	±0.5% fs
Salinity	0 to 80 ppt	0.1 ppt	±2% or ±0.1 ppt
Temperature	-5 to +75°C	0.1°C	±0.1°C ±1 lsd

*Meter accuracy is ±0.02 unit.