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

Pure
Data for a
Healthy
Planet.™

YSI handhelds add convenience to field measurement.

www.YSI.com

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

Measurement	Range	Resolution	Accuracy (meter & probe)
Dissolved Oxygen	0-200%	0.1%	±2% saturation
	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 (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	Accuracy (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	±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 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% 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 +75°C	0.1°C	±0.1°C (±1 lsd)

*Meter accuracy is ±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	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)