



Y S I Environmental

## Water quality handhelds for field work

### Oxygen, Conductivity, Salinity, pH, Temperature

- Simple push-button 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 Model 55 and  
Model 85 (below)

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

- 50-reading memory with ID
- User-selected ranges 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 ranges 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 ranges or autoranging for conductivity
- YSI 30M has 50-reading memory with ID (available with 100-foot cables)



YSI Models 30, 60,  
and 63

Pure  
Data for a  
Healthy  
Planet.®

Convenient  
field measurement.



www.YSI.com



To order, or for more  
information, contact  
YSI Environmental.

+1 937 767 7241

800 897 4151 (US)

www.ysi.com

YSI Environmental  
+1 937 767 7241  
Fax +1 937 767 9353  
environmental@ysi.com

Endeco/YSI  
+1 508 748 0366  
Fax +1 508 748 2543  
systems@ysi.com

SonTek/YSI  
+1 858 546 8327  
Fax +1 858 546 8150  
inquiry@sontek.com

YSI Environmental Gulf Coast  
+1 225 753 2650  
Fax +1 225 753 8669  
environmental@ysi.com

YSI Hydrodata (UK)  
+44 1462 673 581  
Fax +44 1462 673 582  
europe@ysi.com

YSI Middle East (Bahrain)  
+973 1753 6222  
Fax +973 1753 6333  
halsalem@ysi.com

YSI (Hong Kong) Limited  
+852 2891 8154  
Fax +852 2834 0034  
hongkong@ysi.com

YSI (Qingdao) Limited  
+86 532 575 3636  
Fax +86 532 571 0101  
ysiqd@ysiqd.com.cn

YSI Nanotech (Japan)  
+81 44 222 0009  
Fax +81 44 221 1102  
nanotech@ysi.com

**ISO 9001**  
**ISO 14001**

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## 55 oxygen & temperature (System Specifications)

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

## 85 oxygen, conductivity, salinity & temperature (System Specifications)

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		

## 60/63 pH & pH/conductivity & temperature (System Specifications)

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.

## 30 salinity, conductivity & temperature (System Specifications)

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)