# FIELD Environmental Instruments

Equipment Rental and Field Supplies

# "Your Needs Are Our Business"

# Toll-Free 800-393-4009

The YSI 6820 measures a full range of parameters. It includes or Rapid-Pulse stirring independent oxygen sensor and self cleaning turbidity sensor for long deployments, or a standard turbidity sensor for sampling. It can be used down monitoring wells (up to 200 ft) or with a flow-thru cell.

The YSI 6820 easily connects to an Endeco/YSI 1240 Data collection Platform, a YSI 610 DM Field Data Logger or your own data collection platform for long-term deployment. Or use the YSI 650-D Display for sampling.

You can measure ten parameters at the same time. Data analysis is simple when you use EcoWatch, a single program, that obtains statistics easily and is able to run large studies.

# SPECIFICATIONS

#### DISSOLVED OXYGEN % SATURATION

Range: Resolution: Accuracy: 0 to 500% 0.1% 0 to 200%: +/-2% air sat; 200 to 500%:+/-6% mg/L

0 to 20 mg/L: +/-0.2mg/L:

20 to 50 mg/L:+/-0.6mg/L

0.001 to 0.1 mS/cm range-dep)

+/-0.5% of reading+0.001mS/cm

#### DISSOLVED OXYGEN MG/L Range: 0 to 50 mg/L

Range: Resolution: Accuracy:

#### CONDUCTIVITY

Range: Resolution: Accuracy:

#### TEMPERATURE

Range: Resolution: Accuracy: -5 to +45℃ 0.01℃ +/-15℃

0 to 14 units

+/-0.2 unit

0.01 °C

0 to 100 mS/cm

0.01 mg/L

#### PH

Range: Resolution: Accuracy:

Non-vented depth shallow

Range:	0 to 30 ft (0 to 9m)
Resolution:	0.001 ft (0.001m)
Accuracy:	+/-0.06 ft (+/-0.02)

## NON-VENTED DEPTH, MIDDLE

Range: Resolution: Accuracy:

acy: 0.001

#### VENTED LEVEL

Range: Resolution: Accuracy:

#### ORP Range: Resolution: Accuracy:

SALINITY Range: Resolution: Accuracy:

## TURBIDITY

Range: Resolution: Accuracy: 0 to 200 ft (0 to 61m) 0.001 ft (0.001m) +/-0.4 ft (+/-0.12m)

0 to 30 ft (0 to 9m) 0.001 ft (0.0003m) 0 to 10 ft (0 to 3m): +/-0.01ft (0.003 m); 10 to 30 ft (3 to 9m): +/-0.06ft (0.01m)

-999 to +999mV 0.1mV +/-20mV

0 to 70 ppt 0.01 ppt +/-1% of reading or 0.1 ppt whichever is greater

0 to 1,000 NTU 0.1 NTU +/-5% of reading or 2 NTU, whichever is greater 99 Miller Avenue

Braddock, PA15104

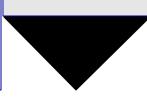
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## Inquiries and orders 800-393-4009



# Water Quality Sonde