



## DO200 Dissolved Oxygen/Temperature

### Accurate, economical, handheld measurements

YSI's EcoSense® line of compact, handheld instruments provides the most accurate data in the most affordable format. The instruments feature an easy-to-use interface, one-hand operation, water resistant case, and low cost of ownership over the life of the product. The DO200 simultaneously measures dissolved oxygen (% air saturation and ppm) and temperature with the following features:

- Watertight housing
- Automatic temperature compensation
- 4- and 10-meter cables available
- Manual salinity compensation
- Low battery indicator
- Screw-on cap membranes with low stirring/fast response
- Manual pressure compensation

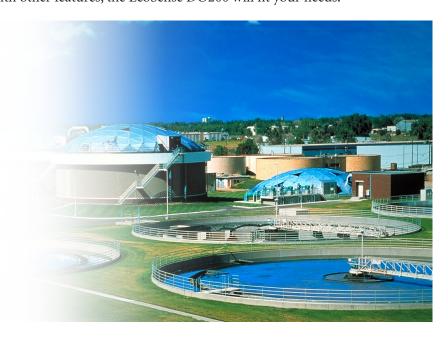
The DO200 is designed for quick, accurate results in an economical platform. The ability to measure DO and temperature in a simple, compact instrument allows the instrument to be used across multiple application sampling strategies including laboratory BOD testing with the optional BOD probe. With a one-year instrument and electrode warranty, along with other features, the EcoSense DO200 will fit your needs.



The EcoSense DO 200 is available with a 4- or 10- meter cable.

Pure
Data for a
Healthy
Planet ®

Compact design and affordable price



# T VSI

### Y S I Environmental

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

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

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## DO200 System Specifications (Instrument, Probe, and Cable)

Temperature Range -6 to +46°C

Resolution 0.1°C

Accuracy ±0.3°C ±1 digit

Range 0 to 200%

Resolution 0.1% air saturation

Accuracy  $\pm 2\%$  of the reading or  $\pm 2\%$  air saturation, whichever is greater D0 ppm (mg/L) Range 0 to 20 ppm

Range 0 to 20 ppm Resolution 0.01 ppm

Accuracy  $\pm 2\%$  of the reading or  $\pm 0.2$  ppm, whichever is greater

## **Additional Technical Specifications**

#### Operating range:

DO % Air Saturation

Temperature: 0° to 50° C Relative Humidity: up to 95%

Water resistance: IP-65 water resistant, splash resistant

Size: 70 mm width x 186 mm length (2.8 in. x 7.3 in.)

Weight with battery: 350 grams (0.75 lb.)

ATC Probe: Thermistor,  $10k\Omega / 25^{\circ}$  C

Buttery: One 9 volt included with purchase

Salinity compensation: 0.0 to 40.0 ppt

Pressure compensation: 600 to 1100 millibar (450 to 825 mmHg)

Calibration back-up: Yes

Audio feedback: Yes, all keys

## **DO200 Ordering Information**

#### Accessories (order cable separately)

DO200 DO200 instrument (°C and mbars units)
DO200US Instrument (°F and inHg units)

200-4 4-meter probe and cable assembly 200-10 10-meter probe and cable assembly

200-BOD Self-stirring laboratory BOD probe, includes external power adapter
280 DO instrument carrying case (molded plastic with foam insert)

5908 Membrane Kit, 1.25 PE membrane with probe solution

480 Soft, black carrying case with shoulder strap

The DO200US version instrument is also available. This instrument provides all the great features of the DO200. The DO200US has temperature units in Fahrenheit only and the pressure compensation units in inHg. Please use part number DO200US when ordering this item.

