



ADVANCED

Dissolved Oxygen for the Lab

YSI 5000 Series Products

Advanced Dissolved Oxygen Instruments for the Lab

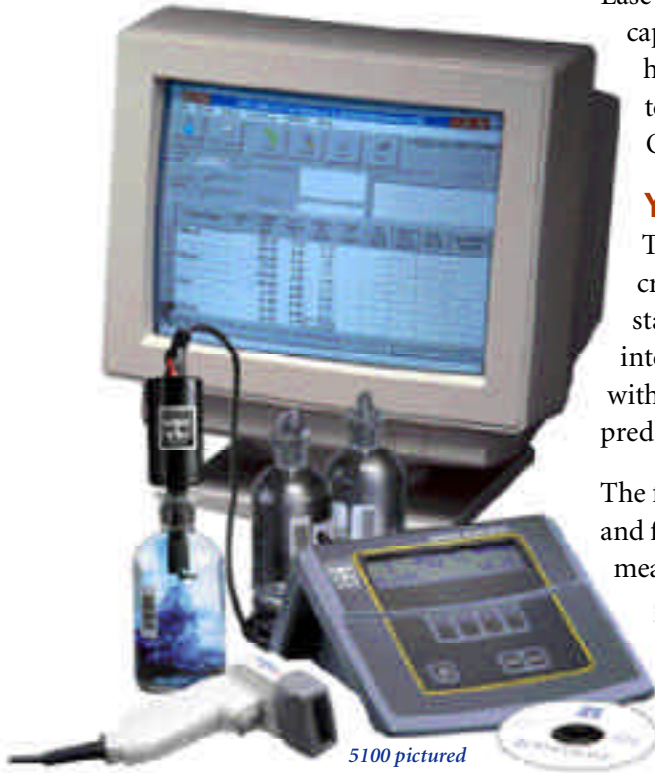
Ease of use, data integrity, expanded range, enhanced digital capabilities - the YSI 5000 series is engineered to meet the need of highly accurate, reliable dissolved oxygen measurements primarily to determine BOD, Oxygen Uptake Rate (OUR) and Specific Oxygen Uptake Rate (SOUR).

YSI 5000 and 5100 Instruments

The YSI 5000 features menu-driven operation and a large liquid crystal display. Internal memory for 100 data sets with date/time stamp, eliminates the need for manual entry of readings. An RS232 interface allows upload to spreadsheets. Multitasking is enhanced with the auto-stabilization capability, which enables you to predetermine a stable reading and be alerted to that condition.

The full-featured YSI 5100 instrument offers even greater performance and flexibility including build-in software for OUR/SOUR measurement.

- ▲ Stores 100 data sets
- ▲ RS232 Interface for direct link to your computer
- ▲ Large graphic display and keyboard profile
- ▲ Barcode capable (5100 only)
- ▲ Built in Barometer for auto calibration (5100 only)
- ▲ On-board software for OUR/SOUR measurement (5100 only)



5100 pictured

**Who's
Minding
the Planet?**

**Advanced Measurement
Technology to meet your needs:**

Saves time

Automates BOD calculations

Reduces errors

Insures data integrity

Conforms to Standard Methods

YSI 5120 BOD Analyst™ software for Windows™

- Eliminates need for initial measurements of each sample dilution.
- Conforms to Standard Methods for seed depletion, minimum final DO, and minimum depletion levels.
- Built-in safeguards include notification if seeded samples are present without the corresponding seed control samples.
- Sample Groups allow assignment of a single name to a number of samples, reducing setup time.

www.YSI.com



For more information on YSI's full line of products and services, as well as application notes, FAQ's, troubleshooting, and more, check our information-packed website: www.YSI.com

To order or for more information, contact YSI Environmental.

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ISO 9001
ISO 14001

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YSI 5000

Features	Benefits
• Menu-driven operation	• Ease of use
• Compatible with all YSI probes	• Less investment needed
• Large liquid crystal display	• Easy-to-read from 10 feet
• Internal memory for 100 data sets	• No manual transcribing
• Compatible with YSI BOD Analyst Software	• Auto BOD calculations; no errors
• RS232 interface	• Compatible with PC lab information systems
• Probe power through instrument	• Fewer cables in workspace
• Computer interface control	• Control functions from keyboard
• Audio & tactile keyboard response	• Keystroke confirmation reduces errors
• Auto stabilization	• Alerts to predetermined stable condition
• User-upgradable internal software	• Ensures upgrade without downtime
• Real-time clock	• Date-stamp stored data

YSI 5100 (provides these additional features & benefits)

Features	Benefits
• Built-in OUR/SOUR software	• Eases use with USEPA 503 regs & for operational control
• Internal barometer	• No external barometer or look-up charts required
• Automated calibration	• Reduces manual steps; saves time
• Bar code compatibility	• Automatic bottle numbering
• Port for computer keyboard	• Quick data entry from keyboard

YSI 5000 & 5100 Specifications

Accuracy	mg/L	±0.1% + 1 lsd	Resolution	mg/L	0.01
	% air	±0.1% + 1 lsd		% air	0.1%
	temperature	±0.1° C		temperature	0.1° C
Range	mg/L	0-60	Power	battery & AC	
	% air	0-600%			
	temperature	-5 to +50° C			

YSI 5120 BOD Analyst™ for Windows™

Features
• Normalize to a 5, 7, 20, or 28 day BOD, when final readings area early or late.
• Read data directly from the YSI 5000 or 5100 Dissolved Oxygen Instrument or enter it from the keyboard in spreadsheet format.
• Make graphs more meaningful by plotting statistics that are of interest.
• Eliminate errors by requiring bottle number entry via bar code scanner only (5100 only). Bottle numbers can also be entered via the Y:SI 5000 or 5100 keypad or a PC's keyboard.

How to order

• YSI 5000 Laboratory Dissolved Oxygen (115V)
• YSI 5100 DO Lab Meter with Software (115V)
• YSI 5015 Bar Code Scanner
• YSI 059160 Bar Code Labels
• YSI 5120 BOD Analyst for Windows
• To order probes that meet the needs of your application, see your YSI representative.