

Model 9200 Analyzer

FEATURES

- Microprocessor based electronics
- Range 0 - 99.9 PPM and % Saturation 0 - 99.9%
- Simple calibration with "help screen" prompts
- Automatic temperature, altitude, salinity compensation
- Individual DO and temperature outputs
- 4 programmable relays
- One step, push button calibration
- Electronic self diagnostics for sensor and analyzer
- Electrochemical self cleaning sensor (Standard)
- Standard 24 hour trend graph
- Backlit display



MODEL 9200 ANALYZER

Electrochemical Sensor Cleaning

This patented feature provides an automatic cleaning function for the DO sensor membrane. Cleaning occurs on a timed basis programmed into the Model 9200 by the operator. This cleaning process discourages growth on the membrane allowing maintenance-free operation for up to six months, (depending upon the sensor operating environment). A Model 96A sensor is required for operation of this standard feature on Model 9200/9210/9220 analyzers.

SPECIFICATIONS

Dissolved oxygen:

Ranges, 0 - 99.9 mg/l (PPM)
0 - 100% Saturation
Resolution, 0.01 mg/l
1% Saturation
Accuracy, ± 0.1 mg/l or 1% Saturation

Temperature - selectable:

0 - 50°C x .1°C or
23 - 122°F x 1°F Accuracy
+/- 0.2° C Compensation
 $\pm 1\%$ of reading

Stability:

.1mg/l

Input Power:

Switch Selectable 115/230 VAC, 50/60 Hz

Readout Device:

Harsh environment, 2.5" x 4.5" graphical LCD digital display

Outputs:

One Isolated 4 - 20 mA Output for DO
One Isolated 4 - 20 mA Output for Temperature
One RS-485 digital, isolated
4 Standard setpoint relays with programmable hysteresis
All relays are Form C rated 250 VAC at 6 Amps resistive

Display:

DO, temperature, relay status, trend graph and programming menus

Calibration:

Automatic, one step push button calibrates for DO, altitude, salinity

Enclosure: NEMA 4X (IP65)

Weight: 8.7 lbs., 3.95 kgm

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