



Dissolved Oxygen Meter with Real Time SD Card Data Logger

DOH-SD1



- ✓ LCD with Green Light Backlighting
- ✓ Real Time SD Memory Card Data Logger (SD Card Included)
- ✓ Altitude and Salt Adjustments
- ✓ RS232/USB Interface (with Optional Cable)
- ✓ Automatic Temperature Compensation

The OMEGA® DOH-SD1 is innovative and easy to operate. What sets the DOH-SD1 apart from other dissolved oxygen meters is that it incorporates a real-time SD card data logger. The DOH-SD1 measures dissolved oxygen and has adjustments for altitude and salt. Download data from the SD card into an Excel spreadsheet. This allows the user to do further data or graphical analysis without special software. The DOH-SD1 has a wide variety of applications from water conditioning, aquariums, and fish hatcheries to food processing, educational and other laboratories.

Specifications

Display: 52 x 38 mm (2.04 x 1.5") LCD with switchable green backlight

Measurement:

Dissolved Oxygen: 0 to 20 mg/L

Air Oxygen: Reference only

Sampling Time:

Auto: 1 second to 8 hours 59 minutes 59 seconds

Manual: Push the data logger button once will save data one time

Memory Card: SD memory card (with optional SD card)

Display Update: @ 1 second

Data Output (RS232/USB): With optional cable/software

Operating Temperature: 0 to 50°C (32 to 122°F)

Operating Humidity: Less than 85% RH

Power: 6 "AAA" alkaline batteries (included), or 9V power adaptor (optional)

Current Draw: 14 mA DC (without SD card or back light), 49 mA (all functions)

Weight:

Meter: 489 g (1.08 lb)

Probe: 335 g (0.74 lb)

Dimensions:

Instrument: 177 L x 68 W x 45 mm D (6.96 x 2.67 x 1.77")

Probe: 28 dia x 190 mm (1.1 x 7.48")

Measurement and Range:

Dissolved Oxygen: 0 to 20.0 mg/L (liter)

Oxygen in Air: 0 to 100.0% (reference only)

Temperature: 0 to 50°C (32 to 122°F)

Resolution:

Dissolved Oxygen: 0.1 mg/L

Oxygen in Air: 0.1%

Temperature: 0.1°C (32.18°F)

Accuracy:

Dissolved Oxygen: ±0.4 mg/L

Oxygen in Air: ±0.7%

Temperature: ±0.8°C (1.5°F)

Compensation:

Automatic Temperature: 0 to 50°C (32 to 122°F)

Adjustable Salt: 0 to 50‰

Elevation: 0 to 8900 meters

Oxygen Probe: Polarographic



DOH-SD1

To Order Visit omega.com/doh-sd1 for Pricing and Details

| Model No. | Description |
|-------------|--|
| DOH-SD1 | Data logging dissolved oxygen meter with SD card |
| SW-U101-WIN | Software for data logging from meters, with USB and RS232 cables |
| HC-SD | Replacement hard case |
| SC-SD | Soft case |
| ADAPTER-SD | AC adaptor |
| USB-SD | Spare USB cable (SW-U101-WIN software required) |
| RS232-SD | Spare RS232 cable (SW-U101-WIN software required) |
| DOE-SD1 | Replacement dissolved oxygen probe |
| 2GB-SD | Spare 2 GB SD memory card |

Comes complete with operator's manual, probe, spare probe head, electrolyte, 2 GB SD card, hard carrying case and 6 "AAA" batteries.

Ordering Example: DOH-SD1, data logging dissolved oxygen meter with SD card and ADAPTER-SD, AC adaptor.

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