



MINIDOT® CLEAR LOGGER

SUBMERSIBLE WATER LOGGER FOR MEASURING DISSOLVED OXYGEN WITH REAL-TIME VIEWER

The miniDOT® Clear Logger is a fully submersible device designed to log dissolved oxygen and temperature measurements. It features an internal LCD screen that provides real-time measurement displays.

The oxygen sensor, utilizing an optode, employs a fluorescence method to measure dissolved oxygen concentration in water. All recorded data are stored on an internal SD card.

Users can easily operate the miniDOT® Clear Logger through a USB cable, changing time and sample interval is easily accomplished simply by plugging in the device to a laptop.

LOGGER FEATURES

- Instantaneous dissolved oxygen reading
- Records time, date and battery voltage
- User replaceable batteries

APPLICATIONS



Fish Transport Hydroponics Aquaponics

SPECIFICATIONS:

MINIDOT® CLEAR LOGGER, PART NUMBER 7405

Sensor Type	Optical
Calibrated Range	0 To 150% Saturation
Oxygen Accuracy	± 5% Of The Measurement Or ± 0.3 mg/L, Whichever Is Larger Oxygen Resolution
Oxygen Resolution	0.01 mg/L
Temperature Accuracy	± 0.1 Degrees C
Temperature Range	0 to 35 Degrees C
Temperature Resolution	1 Millidegree C
Response Time	Approximately 30 Seconds For Oxygen
Sampling Power Capacity	500,000 Samples Before Batteries Are Replaced
Memory	Unlimited
Logging Interval	5 Seconds To 24 Hours
Battery	Two AA Lithium Batteries And Backup Coin Cell Batteries
Software Included	Data Visualization And Control
Logger Weight In Air	0.75 Pounds
Dimensions	1.95 Inches Diameter x 7.375 Inches Length
Maximum Depth	100 Meters (328 Feet)