



## MINIDOT® CLEAR LOGGER

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

The miniDOT® Clear logger is a completely submersible instrument that logs dissolved oxygen and temperature measurements and has an internal LCD screen, which displays real-time measurements. The oxygen sensor is an optode that measures dissolved oxygen concentration in water through a fluorescence method. Data are recorded to an internal SD card. Operation of the miniDOT® Clear Logger such as setting the time and sample interval can be accomplished via the USB cable.

#### FACTS AT A GLANCE

- Portable, completely submersible, easy to operate
- User replaceable batteries
- No need to recalibrate in the field
- Instantaneous dissolved oxygen reading
- Records time, date and battery voltage
- Anti-fouling available

#### 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	0.01 mg/L
Temperature Accuracy	Temperature Accuracy +/- 0.1 degrees C
Temperature Range	0 to 35 degrees C
Temperature Resolution	10 millidegree
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
Software	Included. Data visualization and control
Logger Weight in Air	0.75 lbs
Dimensions	1.95 inches diameter x 7.375 inches length
Maximum Depth	100 meters (328 feet)