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HOBO U26-001 Dissolved Oxygen Logger

Product Images







Short Description

The HOBO U26 Dissolved Oxygen Logger is a highly precise, low-cost data logger for measuring concentrations of oxygen in lakes, streams, rivers, estuaries, and coastal waters. Used by aquatic biologists, hydrologists, and other research professionals, the HOBO U26 combines the high accuracy, robust performance of industry-leading RDO® Basic (Rugged Dissolved Oxygen) sensor technology with an easy-to-maintain design.

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NOTE: If you need to measure **DO** in saltwater environments, salinity or conductivity measurements are required, which can be conveniently obtained with Onset's HOBO Conductivity/Salinity Logger (U24-002). If you need DO in Percent Saturation, barometric pressure data is required, which can be logged with a HOBO Water Level Logger (U20-001-04).

Includes:

- U26-001 data logger
- DO sensor cap
- Protective Guard
- Calibration Boot with sponge

Features:

- Affordable, high performance dissolved oxygen (DO) monitoring with 0.2 mg/L accuracy
- Optical DO sensor technology for long-lasting calibration with less maintenance
- Software corrects for measurement drift from fouling; provides salinity-adjusted DO concentrations and percent saturation
- Optical USB interface for high-speed, reliable data offload
- Easy-to-replace DO sensor cap lasts six months

Additional Information

Memory Logging Rate 1 minute to 18 hours 1 minute to 18 hours 1 minute to 18 hours 1 minute per month at 0 to 50°C (32 to 122°F Battery 3.6 V lithium battery; factory replaceable Battery Life 3 years (at 5 minute logging) Download Type Optical Depth Rating Dopth Rating Download Type Wetted Materials Black Delirin®, PVC, EPDM o-rings, silicone bronze screws; rated for saltwater use bronze screws; rated for saltwater use Size 39.6 mm diameter x 266.7 mm length (1.56 x 10.5 inches) Weight 464 g (14.92 oz) Weight IMPORTANT: HOBO data loggers require HOBOware software (USB interface cable included w/CD purchase). Brand Onset HOBO Onset Product Series U26 Trypical applications	Country of Manufacture	United States	
Sensor Type Optical Measurement Range 0 to 20 mg/L 0 to 30 mg/L Calibrates Range 0 to 20 mg/L 0 to 35°C (32 to 95°F) Accuracy 0,2 mg/L up to 8 mg/L 0.5 mg/L from 8 to 20 mg/L Resolution 0,22 mg/L Resolution 0,22 mg/L Resolution To 90% in less than 2 minutes DO Sensor Cap Life ministration Temperature Temperature Temperature Temperature Resourcement/Operating Resolution 0,22°C (0.36°F) Temperature Note of the State of th		Detailed Specifications:	
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Typical applications Environmental (Outdoor), Field Research, Water Quality	Brand	Onset HOBO	
	Onset Product Series	U26	
Measurements Dissolved Oxygen, Temperature	Typical applications	Environmental (Outdoor), Field Research, Water Quality	
	Measurements	Dissolved Oxygen, Temperature	

Additional Options

Connectivity Options	HOBO Universal Optic USB Base Station Base-U-4 (includes Couplers)
	Waterproof Optic Data Shuttle U-DTW-1 (requires HOBOWare Pro)
HOBOware Pro Software Options	HOBOware Pro on USB Drive (USB cable included)
	HOBOware Pro on CD (USB Cable Included)
	HOBOware Pro - Download Only (USB cable NOT included)
Well Cap for Mounting HOBO Loggers in Wells	WELL-CAP-01
USB Cable (included with HOBOware Pro on USB Drive & CD)	HOBO U-Series to PC USB Cable