

MicroI200 BW SERIES TURBIDIMETER

control backwash and turbidity with one instrument



Micro1200 BW SERIES TURBIDIMETER

Standard Features:

- **External, Quick Connect Lamp Module**
Lamp changes are made without tools and without opening the instrument.
- **Easy Access Flow Through Cell**
Facilitates grab sample measurements and reduces calibration and maintenance costs.
- **On Screen Instructions**
Easy to use menus guide you through set-up and calibration procedures.
- **Three Separate Alarm Contacts**
System alarm and user programmable Hi/Lo NTU alarms provide continuous confidence in the measuring process.
- **Data Logging**
Printer output exports log of low, high and average turbidity readings every four or twenty four hours.

Optional Features:

- **Graphical Display**
Quickly view historical trending of NTU readings over a 1 or 24 hour period.
- **Backwash Sensor And Interface**
Provides the advantage of monitoring %T during filter backwash to ensure proper cleaning with the minimal amount of water usage.
- **Extended Range For High NTU**
Range can be extended to 1000 NTU for high turbidity applications (e.g. raw water influent).
- **Secondary Calibration Standards**
Quick easy calibration across all ranges without the need to mix formazin.
- **High Speed Serial Ports**
The optional RS-232 or RS-485 serial ports allow the Micro1200 BW to easily adapt into a digital environment.

In the quality treatment of drinking water, accurate and reliable turbidity measurement is a must. The EPA-approved* Micro1200 BW Series Turbidimeters offer the accuracy you demand along with a number of additional features setting it apart from the rest. These features which include: easy cleaning and calibration, modular design, upgradable software, and low maintenance make the Micro1200 BW the best value for the money. You can choose from a variety of optional features and create the perfect instrument for your budget and application.

*The Micro1200 BW Series Turbidimeters exceed the performance criteria specified in USEPA Method 180.1 for turbidity (NTU) measurement.

Specifications

Range:	0-10 & 0-100 NTU 0-1000 NTU (optional)
Resolution:	0.0001 NTU
Accuracy :	
10 NTU Range	1% of Reading
100 NTU Range	2% @ 0 - 40 NTU 5% @ 40 - 100 NTU
1000 NTU Range	10% of Full Scale
Response Time:	1 to 8 seconds
Averaging Time:	User Selectable
Light Source:	Tungsten filament (krypton filled for extended life)
Analog Output:	4-20 mA 0.1, 1 & 10 VDC
Digital Outputs: (Optional)	RS232 Serial RS485 Serial
Display:	Graphical trending & numeric 6 digits LCD
Backwash:	With Optional %T Sensor
Sensor Enclosure:	Nema 4X
Safety Rating:	UL, CSA, CE

Ordering Information

Catalog No.	Description
19867	Micro1200 BW
19871	Micro1200 BW with extended range 0-1000 NTU.

All systems include a 0.02 NTU reference standard, 6 feet of interconnecting cable, desiccant tray, flow control clamp, spare measuring cuvette for grab samples and an operators manual.

Accessories

19276	Backwash sensor and interface kit (Micro1200 BW only)
29820	PrimeTime Standard Calibration Kit: (0.02, 4, 10, 40 & 100 NTU)
19861	RS-232 interface kit
19851	RS-485 interface kit

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