

Micro / Micro Handheld Turbidimeter

Designed to provide the ease of portability needed in the field with rugged durability, the MicroTPW / TPI is a necessity for anyone monitoring turbidity on the go. The shock resistant carrying case holds everything necessary for field operation while the instrument itself removes easily to go wherever it is needed. With a resolution of 0.01 NTU and an extended range to 1,100 NTU, the MicroTPW / TPI is a perfect partner for field use. Advanced HF microcircuitry design substantially increases lamp and battery life.

Standard Features

- Micro/PW EPA ACCEPTED METHOD 180.1
- Microp conforms to ISO 7027
- Rugged Self-Contained Carrying Case
 Contains everything needed, including battery pack, manual, and ProCal calibration standards. Ensures durability and convenience regardless of where the sample needs to be taken.
- Waterproof

Water proof housing allows sample measuring and cleaning in any wet environment.

Auto Ranging 0 - 1100 NTU
 Instrument senses turbidity level of sample and automatically adjusts to the appropriate measurement range.

Optional Features

- Simple Calibration Procedures
 - Calibration initiated with the push of a button ensures accurate readings.
- ProCal Standards Kit
 Each MicroTPW Turbidimeter is shipped with an HF ProCal Calibration kit manufactured using USEPA and ISO 7027 Accepted Primary Standard materials*.
- Economical Cost
- Reusable Primary Standards
- Over 5000 Tests on a single set of 4 AAA alkaline batteries.
- · Lamp Life 7-10 years with normal use
- Built-In Self Diagnostics
- · Manufactured in the USA.

Ordering Information

Cat. No.	Description
20000	Micro White Light Portable Handheld Turbidimeter
20008	Micro Infrared Portable Handheld Turbidimeter

The Microw / Microw includes carrying case, one set of ProCal calibration standards, indexing rings, 4AAA alkaline batteries and measuring cuvettes with light shield caps.

Accessories

39845	Pro Cal Calibration Kit .02, 10, 1000 NTU
19856	Cuvettes with light shield caps, 3 pack



Specifications



Micro PW with carrying case

Conformance:			
	LIOEDA Malla al 400 4		
Microl PW	USEPA Method 180.1		
Micro	ISO 7027		
Measurement Range:	Auto-Ranging from 0 - 1100 NTU		
Principle of Operation:	Nephelometric		
Certification:	CE, Designed to meet IP67 & NEMA 4X		
Accuracy: (0-500 NTU)	± 2% of reading or ± 0.01 NTU whichever is greater		
(500-1100 NTU)	± 3% of reading		
Resolution:	0.01 NTU < 100 NTU		
	0.1 NTU < 100.0 - 999.9 NTU		
	1 NTU < 1000 -1100 NTU		
Response Time:	14 seconds		
Display:	4 Digit (7 segment) LCD		
Light Source:			
Micro/PW	White Light (Tungsten)		
Micro	Infrared - LED (860nm)		
Power Supply:	4 -AAA Alkaline Batteries (over 5000 tests)		
Sample Cells:	15 mL cell		
	10 mL sample needed		
Materials:			
Instrument Case:	ABS - Injection Molded		
Carry Case:	High Density Polyethylene blow molded		
Shipping Dimensions:	28 x30.5 x 7.6 cm (11" x 12" x 3")		
Shipping Weight:	1.22 kg (2.7 lbs)		

Specifications subject to change without notice.



Simple Calibration Procedures