Test & Measurement

- sales
- rentals
- calibration
- repair
- disposal

Complimentary Reference Material

This PDF has been made available as a complimentary service for you to assist in evaluating this model for your testing requirements.

TMG offers a wide range of test equipment solutions, from renting short to long term, buying refurbished and purchasing new. Financing options, such as Financial Rental, and Leasing are also available on application.

TMG will assist if you are unsure whether this model will suit your requirements.

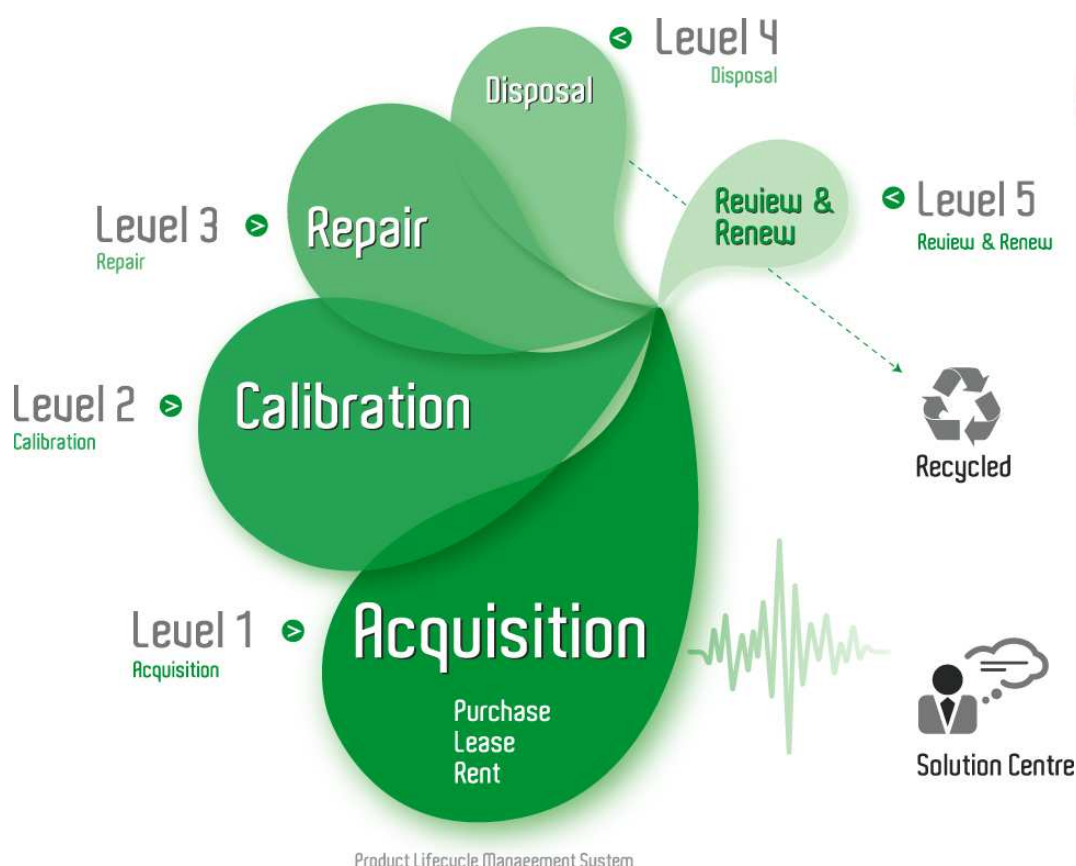Call TMG if you need to organise repair and/or calibrate your unit.

If you click on the "Click-to-Call" logo below, you can all us for FREE!

TMG Corporate Website   TMG Products Website

Click-to-Call
TMG Now

Level 4
Disposal

Disposal

Review & Renew

Level 5
Review & Renew

Level 3
Repair

Repair

Level 2
Calibration

Calibration

Recycled

Level 1
Acquisition

Acquisition

Purchase
Lease
Rent

Solution Centre

Product Lifecycle Management System

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Form 080/01

HF scientific

Water Quality Measurement Solutions

Handheld Turbidimeters
MicroTPW   MicroTPI

**WHITE LIGHT EPA
ACCEPTED METHOD 180.1**

**INFRARED
CONFORMS TO ISO 7027**

- **Auto Ranging 0.01 to 1,100 NTU**
- **Extended Battery Life**
- **Waterproof**
- **Completely Self Contained**

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.

Micro TPW / Micro PI Handheld Turbidimeter

Specifications

Conformance:	
Micro TPW	USEPA Method 180.1
Micro PI	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 TPW	White Light (Tungsten)
Micro PI	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)

Ordering Information

Catalog No.	Description
20000	Micro TPW White Light Portable Handheld Turbidimeter
20008	Micro PI Infrared Portable Handheld Turbidimeter

The Micro TPW / Micro PI *includes carrying case, one set of* PRIMETIME *calibration standards, indexing rings, 4AAA alkaline batteries and measuring cuvettes with light sheild caps.*

Accessories

29845	PRIMETIME Calibration Kit .02, 10, 1000 NTU
19856	Cuvettes with light shield caps, 3 pack

HF scientific
3170 Metro Parkway
Ft. Myers, FL 33916-7597
Phone: (239) 337-2116
Fax: (239) 332-7643
Email: hfinfo@watts.com
www.hfscientific.com

Represented by:

Standard Features

- Micro TPW - EPA ACCEPTED METHOD

- Micro PI - CONFORMS TO ISO 7027

- **Rugged Self-Contained Carrying Case**
  Contains everything needed, including battery pack, manual, and PRIMETIME 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.

- **Simple Calibration Procedures**
  Calibration initiated with the push of a button ensures accurate readings.

- **PrimeTime Standards Kit**
  Each MicroTPW Turbidimeter is shipped with an HF PrimeTime 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.**

Simple Calibration Procedures

Micro TPW *with carrying case*

*Commercial Styryne-Divinyl Benzene Suspension AMCO-AEPA-1 Standard Ref. USEPA Method 180.1 Sec. 2130B

Proof Date: 07/01/08