



# Vernon Morris Utility Solutions Ltd

Specialist Suppliers to the Utilities

Turbidity Meter HI93703C Product Code: VMHI93703C



## Information

The HI93703 turbidity meter is a portable, microprocessor-based instrument used to determine the turbidity of water and wastewater with high precision in the field as well as in the laboratory.

### Contact us

Vernon Morris Utility Solutions Ltd  
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ISO 14001  
ENVIRONMENTAL MANAGEMENT



ISO 9001  
QUALITY MANAGEMENT



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The meter is very simple to use and troubleshooting functions can be performed with displayed error code guides.

The HI93703 covers a 0 to 1000 FTU range in two scales: 0.00 to 50.00 FTU and 50 to 1000 FTU.

The auto-ranging feature sets the appropriate range for the measurement.

The HI93703 has been designed according to the ISO7027 International Standard, consequently the turbidity unit is the FTU (Formazine Turbidity Unit).

FTU is equivalent to the other internationally recognized unit: NTU (Nephelometric Turbidity Unit).

The one-point calibration at 10 FTU\* can be easily performed using the available standard.

Hanna has chosen 10 FTU\* as the calibration point because it is the value that best fits the water turbidity measurements in different applications, from drinking water to wastewater treatment.

HANNA instruments uses the primary standard AMCO-AEPA-1 to avoid all formazine-related problems.

Formazine is a very toxic, unstable substance, which requires particular care: its standards have to be prepared only a few minutes before performing the calibration, and can-not be reused because of their short life.

The HI93703 can be used with both standards.

## Specifications

Range	0.00 to 50.00 FTU; 50 to 1000 FTU
Resolution	0.01 FTU (0.00 to 50.00 FTU); 1 FTU (50 to 1000 FTU)
Accuracy	±0.5 FTU or ±5% of reading (whichever is greater)
Calibration	3 points (0 FTU, 10 FTU and 500 FTU)

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Light Source	infrared LED
Light Life	Life of the instrument
Light Detection	Silicon Photocell
Battery Type / Life	4 x 1.5V AA / approx. 60 hours of continuous use or 900 measurements; automatic shut-off after 5 minutes of non-use
Environment	0 to 50°C (32 to 122°F); RH max 95% non-condensing
Dimensions	220 x 82 x 66 mm (8.7 x 3.2 x 2.6")
Weight	510 g (1.1 lb.)

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Availability: In Stock

£**POA**

Please enquire for the latest pricing & availability information for this item

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