



ISO9001 Certified supplier

TURBIDITY METER HI93703



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HANNA Turbidity meter HI 93703

State-of-the-art Portable Turbidity Meter Complying with ISO 7027

The **HI 93703** portable microprocessor-based turbidity meter provides lab-grade accuracy even in the field. With 4 keys and weighing only 500 grams, **HI 93703** measures turbidity from 0 to 1000 FTU (NTU)*. For best field accuracy, it measures from 0 to 50 FTU in steps of 1/100th of FTU. This is 10 times better than comparable models on the market that measure 10 to 50 FTU only in decimal points. The meter meets the ISO 7027 requirements.

* LED Light Source

HI 93703 is the only turbidity meter equipped with an infrared LED as source of light. Unlike standard lamps, the infrared LED has a long life. More significantly, it maintains constant emission for the entire life of the instrument. The wavelength peaks at 890nm, which provides the required intensity of diffused light even in samples with low turbidity values, and also reduces the interference from any colours.



* Ease-of Use

The meter is very easy to use. All operations can be carried out with only four keys and troubleshooting functions can be performed with error code on LCD. The meter's versatility and durability ensure low maintenance.

* Calibration Date Storage

Sensitive to the user's need to work with properly calibrated meters, Hanna Instruments has equipped **HI 93703** with a unique **GLP** (Good Laboratory Practice) feature. The circuitry automatically stores and retrieves the last calibration data. At the touch of a key, the last calibration data together with time and date are displayed allowing the user to maintain an accurate calibration schedule.

* Automatic Shut-off

Auto shut-off turns the meter off after 5 minutes of non-use to save batteries.

* Economical

The **HI 93703** is very competitively priced as are the calibration solutions.

SPECIFICATIONS

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|-------------------|---|
| MODEL | HI 93703 |
| RANGE | 0.00 TO 50.00 FTU/50 TO 1000 FTU* |
| RESOLUTION | 0.01/FTU |
| ACCURACY | +/-0.5 FTU or +/-5% (whichever greater) |
| TYPICAL DEVIATION | +/-2% full scale |
| LIGHT SOURCE/LIFE | High Emission infrared LED/life of the instrument |
| LIGHT DETECTOR | Silicon Photocell |
| BATTERIES/LIFE | 4 x 1.5V AA Batteries/60 hours or 900 tests |
| AUTO SHUT OFF | After 5 mins |
| ENVIRONMENT | 0 to 50°C (32 to 122°F); RH 95% |
| DIMENSIONS | 220 x 82 x 66mm (8.7 x 3.2 x 2.6") |
| WEIGHT | 510g |

ORDER CODES

HI 93703 Portable turbidity meter is supplied with measurement cuvet and cap 4 x 1.5V AA batteries and instruction manual

HI 93703KIT Comprise **HI 93703** complete with **HI 731313** maintenance kit

ACCESSORIES

HI 731321 Measurement cuvetts (4 pcs)

HI 731313 Rugged carrying case with cal. solutions HI 93703-0 and HI 93703-10, HI 93703-50 cleaning solution, HI 731318 tissue for wiping cuvetts, 2 measurement cuvetts

HI 93703-0 AMCO-EPA-1 cal. sol. @ 0 FTU (30mL)

HI 93703-10 AMCO-EPA-1 cal. sol. @ FTU (30mL)

HI 93703-50 Cleaning solution for cuvetts (230mL)

HI 731318 Tissue for wiping cuvetts (4 pcs)

*1 FTU (Formazin Turbidity Unit) = 1 NTU (Nephelometric Turbidity Unit)

Distributed by Contamination Control Ltd, PO Box 14-641, Auckland 6, New Zealand.