

TURBIDITY METER TUR-8603



EPC / PRODUCTS / APPLICATION / SOFTWARE / ACCESSORIES / CONSUMABLES / SERVICES

Analytical Technologies Limited

An ISO 9001 Certified Company

www.analyticalgroup.net

►► FEATURES

- NTU (Nephelometric TURBIDITY Unit) measuring unit.
- Wide and auto measurement range : 0 to 1,000 NTU.
- High resolution : 0.01 NTU/1 NTU.
- The unique optics structure, enables the instrument to read low value of TURBIDITY to the high level up to 1,000 NTU.
- Four operation buttons and two calibration points, easy operation.
- Jumbo LCD, easy readout.
- Microprocessor circuit assures maximum possible accuracy, provides special functions and features.
- Battery operated for field and on-site testing convenience
- Data hold function for freezing the desired value on display.
- Records Maximum and Minimum readings with Recall.
- Heavy duty & compact housing with hard carrying case, designed for easy carry out & operation.
- Auto shut off is available to save battery life.

►► FEATURES

Test municipal water, food and beverage water, or other aqueous solution where fluid clarity is important.

►► SPECIFICATIONS

- Circuit : Custom one-chip of microprocessor LSI circuit.
- Display : LCD size : 41 mm x 34 mm
- Range : 0.00 to 50.00 NTU, 50 to 1,000 NTU
- NTU :Nephelometric TurbidityUnit Auto range
- Resolution : 0.01 NTU/ 1 NTU
- Accuracy : $\pm 5\%$ F.S. or ± 0.5 NTU, which ever is greater.
- Light source : LED, 850 nm.
- Detector : Photo diode
- Standard : Meet ISO 7027.
- Response time : Less than 10 seconds.
- Sample volume needed : 10 mL.
- Data Hold : Freeze the display reading.
- MemoryRecall : Maximum & Minimum value.
- DisplaySampling Time : Approx. 1 second.
- Power off : Auto shut off saves battery life or manual off by push button.
- Calibration points : 0 NTU, 100 NTU.
- Operating Temperature : 0 to 50 °C
- Operating Humidity : Less than 85% R.H.
- Power Supply : DC 1.5 Vbattery (UM4, AAA) x 6 PCs, or equivalent.
- Power Current : Stand by : Approx. DC 3.5 mA.
- Testing : Approx. DC 36 mA.
- Weight : 320 g/0.70 LB.@Battery is included.
- Dimension : 155 x 76 x 62 mm (6.1 x 3.0 x 2.4 inch)

▶▶ Regulatory compliances



▶▶ Corporate Social Responsibility

Analytical Foundation is a Nonprofit Organization (NGO) found for the purpose of:



Analytical Foundation

1. Research & Innovation Scientist's awards / QC Professional Award : Quality life is possible by innovation only and the innovation is possible by research only, hence ANALYTICAL FOUNDATION is committed to identify such personalities for their contributions across various field of Science and Technology and awarding them yearly. To participate for award, send us your details of research / testing / publication at info@analyticalfoundation.org

2. Improving quality of life by offering YOGA Training courses, Work shops / Seminars etc.

3. ANALYTICAL FOUNDATION aims to DETOXYFY human minds, souls and body by means of Yoga, Meditation, Ayurveda, Health Care, Awards, Media, Events, Camps etc.

▶▶ Reach us @



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