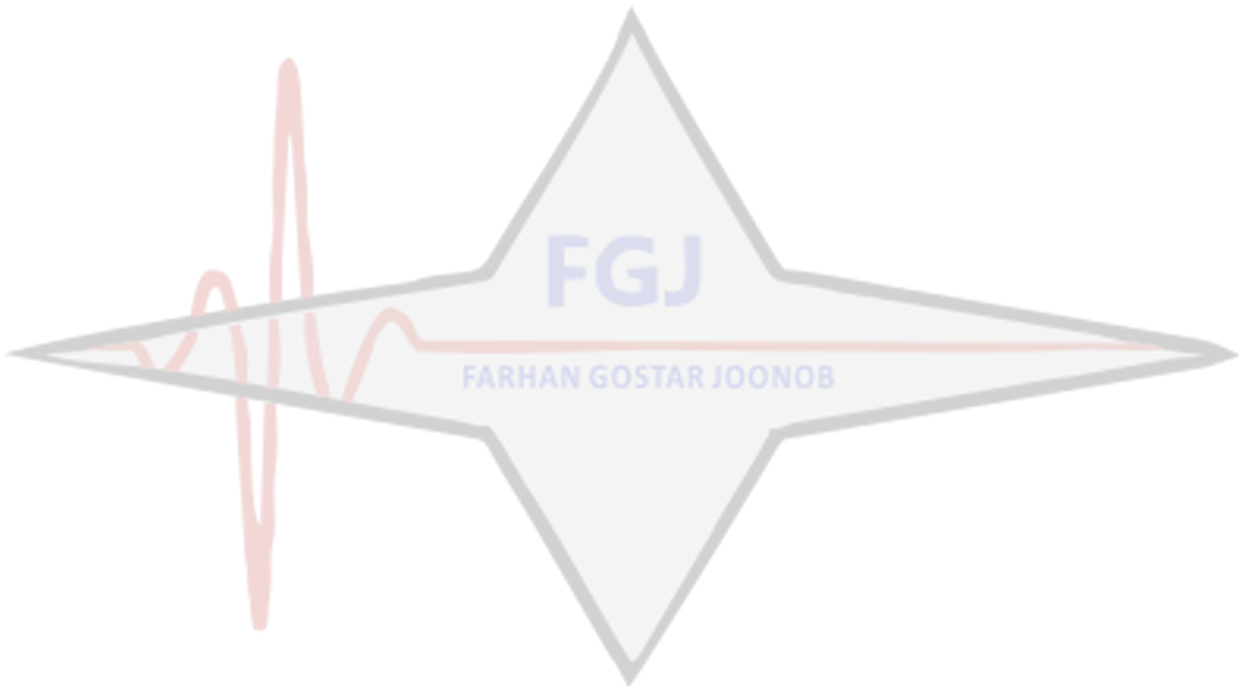


پتروفرهان گستر جنوب

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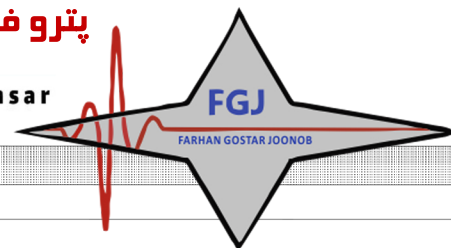
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TURBIDITY METER

Model : TU-2016

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FEATURES

- * Designed to meet ISO 7027.
- * 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.
- * Application : 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 Turbidity Unit * Auto range |
| Resolution | 0.01 NTU/ 1 NTU |
| Accuracy | ± 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. |
| Memory Recall | Maximum & Minimum value. |
| Display Sampling 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 V battery (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. <i>@ Battery is included.</i> |
| Dimension | 155 x 76 x 62 mm (6.1 x 3.0 x 2.4 inch) |
| Accessories Included | Testing bottle with 0 NTU standard solution..... 1 PC Testing bottle with 100 NTU standard solution..... 1 PC Empty testing bottle..... 2 PCs Clean cloth.....1 PC Clean solution (Distill water).....1 bottle Hard carrying case, CA-08.....1 PC |
| Optional Accessories | * Testing bottle with 100 NTU standard solution, TU-100NTU * Testing bottle with 0 NTU standard solution, TU-0NTU * Empty testing bottle, 0601 |

* Appearance and specifications listed in this brochure are subject to change without notice.

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