

Turbidity is the measure of native clarity of a liquid. It can also be defined as the measure of the degree to which the water loses its transparency due to the presence of suspended particulate. The more total suspended solids in the water, the higher the turbidity. Turbidity is considered as a good measure of the quality of water.



**TB 650**

Range: 0 to 2000 NTU  
Resolution: 1

## WHY CHOOSE THIS METER

- **TRACEABILITY** to National Standards
- **PUSH BUTTON FRONT KEYS** for easy set up
- **INDIVIDUAL HIGH & LOW SET POINT RELAY** for alarm or signal to PLC
- **PROGRAMMABLE CONTROL DELAY TIME** to prevent chattering
- **HYSTERISIS TO PREVENT RELAY CHATTERING**  
Hysteresis is the percentage of set point below/above which relay will reset after getting energized
- **IN-BUILT DIAGNOSTICS** for wrong calibration or sensor error
- **IN-BUILT ALARM ANNUNCIATOR**  
It's a facility to acknowledge high/low fault condition and reset relays by pressing the acknowledge key
- **MANUAL/AUTOMATIC** relay reset options



**Turbidity sensor**



### TB 650 Turbidity Meter

Physical dimensions	105 x 105 x 130mm
Cut-out size	90 x 90mm
Enclosure	ABS weather proof IP- 65
Mounting	Field/ Pipe/ Panel
Input supply	230 V A.C./110 V A.C./ 24 V D.C.
Alarms	Separate LED indication for high & low
Control operation	Alarm/ auto reset/ control
Accuracy	± 2% FSD
Calibration/set point	Using front keypad
Display	4 digit 7 segment LED display
Output	4-20mA (optional) RS 485 (optional)
Relay	Individual high & low relay 5A@ 230V (programmable through entire range with set-able control delay & hysteresis)

### Turbidity sensor

Overall Dimensions	106 X 30 mm
Type	Online
MOC	SS316
Process Connection	25 NB BSPM
Cable	3 Core 5 meter
Cable Termination	0.75 mm <sup>2</sup> lugs
Max. Temperature	60 Deg C.
Max. Pressure	5 kg/Cm <sup>2</sup>

Available with Your Trusted Partner for Water Treatment Solutions:



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