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TB5000 Online Turbidity Analyzer

The on-line turbidity meter (hereinafter referred to as the meter) is an on-line water quality detector with microprocessor.It is an industrial on-line measuring instrument designed for measuring turbidity of municipal sewage, industrial wastewater treatment process, water plant, etc.

- 90*50 mm Large color LCD display
- Data Recording /Curve display/Data upload function
- Multiple automatic calibration
- Double high resistance measurement mode, stable and reliable
- Manual and automatic temperature compensation
- Three relay control switches
- High & low alarm and hysteresis control
- 4-20mA x2 &RS485 Multiple output modes
- Multi parameter display simultaneously shows
- Password protection to prevent misoperation by non-staff

Measurement range	0.001-99999NTU
Measurement unit	NTU、mg/L
Resolution	0.001; 0.01; 0.1; 1
Basic error	±1%F.S
Temperature	-10～150.0℃
Temperature Resolution	0.1℃
Temperature Basic error	±0.3℃
Current outputs	Two 4～20mA,20～4mA,0～20mA
Signal output	RS485 MODBUS RTU
Other functions	Data record &Curve display
Three relay control contacts	5A 250VAC,5A 30VDC
Optional power supply	85～265VAC,9～36VDC,power consumption≤3W
Working conditions	No strong magnetic field interference around except the geomagnetic field.
Working temperature	-10～60℃
Relative humidity	≤90%
Waterproof rating	IP65
Weight	0.8kg
Dimensions (W*H*D)	144×144×118mm
Installation opening size	138×138mm
Installation methods	Panel & wall mounted or pipeline

Concentration	Low Turbidity:circulation type	Middle Turbidity	High Turbidity	High Turbidity	Middle-High Turbidity
Sensor Model No.	CS7800D/CS7801D	CS7820D	CS7830D	CS7832D	CS7833D
Measurement range	0-20NTU/0-200NTU	2-400NTU	10-4000NTU	10-4000NTU, with self-cleaning function	2-4000NTU, double beam with self-cleaning function
Principle	90°scattering	infrared light 90°	infrared light 180°	infrared light 180°	infrared light 180°
Light source	850nm	850nm	850nm	850nm	850nm
Housing material	SS316L,POM	SS316L,POM	SS316L,POM	SS316L,POM	SS316L,POM
Thread		G3/4"	G3/4"	G3/4"	G3/4"
Cable length	5m	10m	10m	10m	10m
Connection	terminal	terminal	terminal	terminal	terminal
Dimensions	400*300*170mm	220* φ50nm	220* 50nm	220* 50nm	220* 50nm
Weight	About 5.5KGS				
Installation	Wall-mounted	Immersed	Immersed	Immersed	Immersed
Flow Tank size	220*150*80mm				
Flow Tank Installlation	Wall-mounted				
Flow Tank weight	About 1.0KGS				