

WMTS1001 industrial turbidity/tss meter is a new-generation whole English PC-type instrument, characterized by display fully in English, high smartness, multiple functions, high measurement performance and strong environment adaptability. It can be widely used for continuous monitoring of solution conductivity in such industries as water plant, thermal power, water treatment, pharmacy, hospital.

Applications

Continuous monitoring of conductivity values in

- Thermal power plants
- Pharmacy
- Water treatment
- Hospitals etc.



Features

- LED display full English, English menu operation
- Multi-parameter display in the screen: It displays several parameters in the same screen, including turbidity, output current, time and status
- History curve: The secondary meter can save the measurement data automatically every 5 minutes, and can store the turbidity data of one consecutive month.
- Intelligent: Uses high precision AD conversion and single chip range micro-processing technology, and has such functions as turbidity measurement, automatic switch of measurement and self-check of the instrument.
- Strong interference immunity: Photoelectric coupling separation technology is used for the current output, providing high resistance against interference and allowing for long transmission.
- It also has high electromagnetic compatibility.
- Waterproof and dustproof design: The protection grade is IP65, and it is suitable for outdoor use.
- RS485 communication interface: It can be easily connected to a computer to perform monitoring and communication

Technical Specification

Specification	
Measuring range (specified when ordering)	0~99999.0mg/l; 99.99~120.0g/l
Accuracy	± 2%
Isolated current output	4~20 mA(load <750 Ω), RS485(optional)
Alarm relay	5A/250 VAC; 5A/30VDC
Power supply	230 VAC; 50/60Hz
Protection grade	Protection grade: IP65
Communication protocol	Modbus RTU
Weight	0.9kg
Material	ABS
Dimensions	Overall: 144 (l) x 144 (w) x 104 (d) mm Holes: 138 x 138 mm
Working conditions	Ambient temp: 0~60°C Relative humidity: <85%