Online TSS Analyzer – Flow Through Type
MS TSS 791 (Origin USA)

The suspended solid sensor adopts infrared light technology for measurement. The instrument analyze these data that are obtained by infrared light through the medium to the detector. It can know the exact concentration of suspended matter in the medium. It has the same accuracy and continuity when measuring low or high ranges.
Besides, in order to effectively eliminate the deviation of data due to some changes of environment, so that it can be used in more environments. It is widely used in the monitoring of TSS, MLSS concentration in solution, such as Chemical, electroplating, papermaking, environmentally friendly water treatment engineering, pharmaceutical, food, tap water, etc.



FEATURE

- Optional online data acquisition software
- Able to restore factory Settings
- 1 channel 4-20mA current output
- Support RS485 communication
- 2 groups of ON/OFF relay control
- Support the IoT system integration
- Watchdog function
- Measuring range customizable

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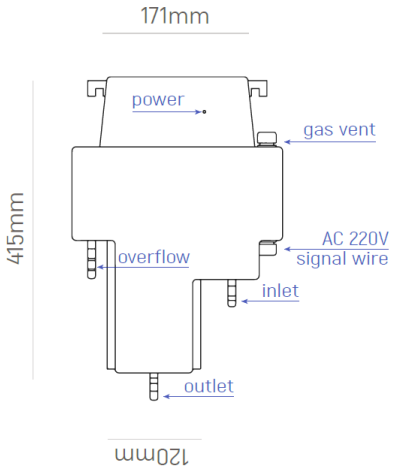
TECHNICAL SPECIFICATION

Range	: 0 - 500 mg/L, range can be customised (Specify while ordering)
Resolution	: 1 mg/L
Display	: LCD backlit
Accuracy	: ± 2.0% FS
Set Points	: 02 Nos (High & Low)
Control Output	: 02 Nos Potential free Relay (3A, 220VAC / 24VDC)
Retransmission Output	: 4 to 20 mA Dc isolated
Communication Output	: RS 485 MODBUS
Environment Condition	: 0~60°C, relative humidity ≤90%.
Supply Voltage	: 220VAC10%, 50/60Hz
Mounting	: Panel Mounted
Dimensions of Controllers	: 96×96×168mm
Dimensions of Flow Type Sensor	: 380 X 270 X 80mm (flow type sensor)
Controller Weight	: 0.9 kg
Flow type sensor Weight	: 4.6 kg
Protection level	: IP 65 (controller), IP 67(flow type sensor)
Sensor Cable	: 10 Meter

APPLICATION

- Chemical
- Electroplating
- Paper making
- Environmental water treatment
- Pharmaceutical
- Food
- Water

SENSOR DIMENSION



Note : Due to continuous Improvement in Product specifications & Looks may vary

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