

TSS METER

LTSS-A10



TSS Meter LTSS-AIO

TSS meter LTSS-AIO is a tabletop meter with a dual-beam infrared scattered light photometer detection system for enhanced stability. Built-in self-diagnosis function to ensure data accuracy. Optional cleaning brush for automate cleansing function to reduce the sensor maintenance.

Features

- Dual-beam infrared scattered light photometer detection
 - **Eliminates effects of sample color**
 - Optional cleaning brush for automatic cleaning function
 - Digital sensor and high anti-jamming capacity
 - Standard digital signal output (integration and networking with other equipment without controller)
 - Plug-and-play sensors
 - Automatic temperature compensation
 - Automatic range selection
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Applications

Used to check sludge concentration of technological process of sewage treatment plant , for online monitoring of industrial process water and suspended solids (sludge concentration) of waste water treatment process

Specifications

| Model No. | LTSS-AIO |
|------------------------|--|
| Measurement range | 20000 mg/L |
| | 0.01 mg/L ~ 45000 mg/L |
| | 0.01 mg/L ~ 120000 mg/L |
| Measurement accuracy | ± 2 % F.S. of its range (Depending on the homogeneity of sludge) |
| Pressure range | ≤ 0.4 Mpa |
| Flow rate | ≤ 2.5m/s, 8.2 ft/s |
| Calibration | Sample calibration |
| | Slope calibration |
| Main material | SS316L |
| | Titanium alloy marine |
| | Cover : PVC |
| | Cable : PVC |
| Powersupply | 9 V ~ 36 V DC |
| Communication protocol | RS485 |
| Storage temperature | -15 °C to 65 °C |
| Measuring temperature | 0 °C to 60 °C |
| Protective rate | IP68 |
| Cable length | Standard : 10 m (maximum may be extended to 100 m) |
| Dimensions (D x L) | 60 mm x 256 mm |
| Weight | 1.65 kgs |