

MLSS

MLSS/SLUDGE LEVEL METER **SS-10Z/SS-10F**

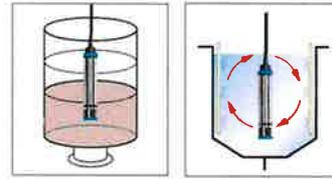
(Range : 0~20000mg/ℓ)

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Measurement of Activated Sludge Density/Sludge Level in a Deposit Tank



SS-10Z



Sludge level /density measurement in the deposit tank

Measurement of activated sludge density

MLSS : 0~20000mg/ℓ
Water depth 0.00~5.00m (max 10m)

SS-10F



Measurement of activated sludge density

MLSS : 0~20000mg/ℓ (without depth display)

◆Optional Measuring Mode(common to SS-10Z and SS-10F)

Example)

- Mode 1 Food and dairy Sludge A
- Mode 2 Food and dairy Sludge B
- Mode 3 Sewage /combine Septic Tank A
- Mode 4 Sewage /combine Septic Tank B
- Mode 5 Human waste disposal/deposit Tank A
- Mode 6 Human waste disposal/deposit Tank B

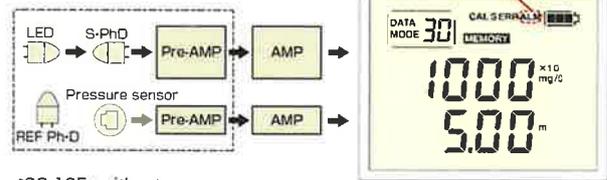


◆Memory of Measured Value(common to SS-10Z and SS-10F)

Measured Value is memorized if you press MEMO key. Measured Value is called back by using ▲ or ▼ key. Max 30 Data can be memorized and called back.



Sludge Level blinking



*SS-10F : without pressure sensor

◆Measurement of MLSS & Sludge interface

Simultaneous measurement of MLSS and Sludge Level (water depth) (SS-10Z)

Activated sludge density in the Aeration tank and sludge density or Sludge Level (water depth) in deposit tank can be measured at the same Time with a Single Meter. At the Sludge Level, "ALM", "mg/ℓ", "m" blinks and tell The Sludge Level.

◆Specifications

Name / Model	MLSS/Sludge Level Meter : SS-10Z (with Water Depth Measuring Function)
Measuring Method	MLSS : Near-Infrared Pulse Transmission light System Sludge Level (Water Depth) (SS-10Z)
Measuring Range	MLSS : 0~20000mg/ℓ(max 30000mg/ℓ display) Sludge Level : 0~5m(max 10m display) (SS-10Z)
Resolution	MLSS : 10mg/ℓ(within 0~10000mg/ℓ) 100mg/ℓ(within 10000~30000mg/ℓ) Sludge Level : 0.01m(SS-10Z)
Accuracy	MLSS : within ±3%(FS) under certain conditions
Zone Surface Measurement	"ALM", "mg/ℓ" blinks over 15000 mg/ℓ. Water depth display at "ALM", "mg/ℓ" blinking.
Calibration Method	MLSS : ① One-point Calibration (zero calibration only) ② Two-point Calibration (Zero and Span Calibration) ③ 3~4 point Calibration (Zero Span and Middle-Point) Water Depth : Auto Zero Calibration (SS-10Z)
Self diagnosis	Battery Voltage, Detector failure, Calibration err, Scale Over
Memory	Max 30 data
Structure	Dust-Proofed, Water-Proofed, corresponding to IP67
Power Source	DC4.5V(LR03×3) Auto power off after 30 Minutes.
Detector	SSD-10Z (with pressure sensor) SSD-10F (without pressure sensor)
Cable length	6m standard(max 11m)
Standard Accs	Main Body, Detector, Brush, Carrying Case
Optional Accs	Check & Calibration Filter Model CK-1

◆Check & Calibration Filter

Model : CK-1
Install to the MLSS Detector and checking

