

PORTABLE SLUDGE LEVEL MEASURING INSTRUMENT

MUDLine® TGS

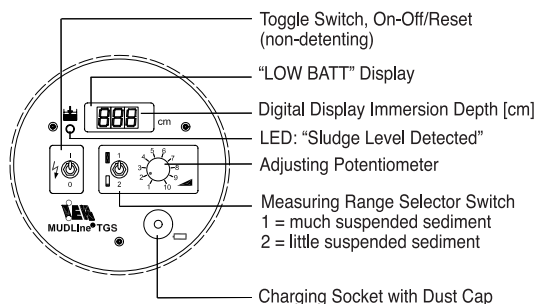


- Field portable device
- Sludge level detection, immersion depth up to 10 m, in primary and secondary clarifier, thickener, rotten black sludge, sludge level measuring in small sewage plants
- Adjustable threshold of turbidity detection
- Accumulator battery operated

Range of 100 measurement cycles of 7 minutes each

Automatic switched off after 7 minutes

Charging time of 2 h 30 min as a maximum



DESCRIPTION

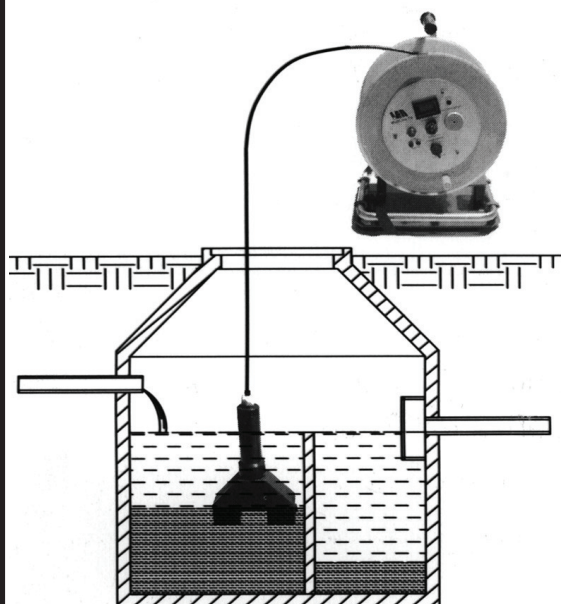
A turbidity sensor (emitter plus receiver) is mounted on an immersion probe with an integrated hydrostatic level sensor. The light beam is in Infra red range at 940 nm.

OPERATION

When the immersion probe reaches the sludge surface, the device switches on an audible alarm and a lightning alarm. At the same time the depth of immersion is displayed on the main housing.

TECHNICAL DATA

Accumulator charger supply:	230V AC or 12V CC
Ambient temperature:	0...+50°C
Display:	LCD-panel 3-digits, immersion depth [cm] with measured data storage with "low battery" signal "Sludge level detected" "Sludge level detected"
1 LED, red:	"Sludge level detected"
1 Buzzer:	"Sludge level detected"
Measuring accuracy:	approximately 1 cm
Immersion probe:	PVC / IP68 (10m max.) (EN 60 529)
Cable:	special type TPE-cable, 10 m long
Housing and switches:	Stand alone with handle ON-OFF- Lever switch Sensitivity switch Sensitivity adjustment potentiometer IP 44 (EN 60 529)
Dimensions:	300 x 210 x 180 mm
Mass:	3500 g



Easy and quick sludge level control and measurement

CODE AND DESCRIPTION

Code	Description
426 100	MUDLine® portable autonomous sludge level measurement

BAMO MESURES

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