

Portable sludge level controller MUDLine® TGS



- Portable equipment, battery operated
- Sludge level detection adjustable on site
- Display of depth up to 10 m
- Signaling: Buzzer and LED
- Including: Battery charger 230 V AC

APPLICATIONS

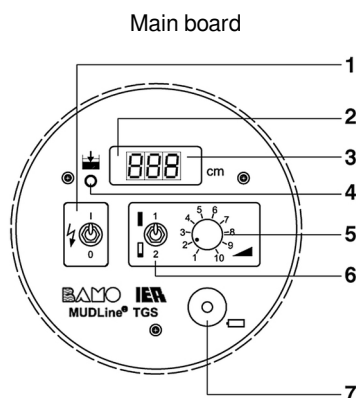
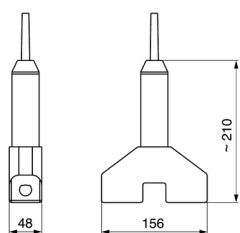
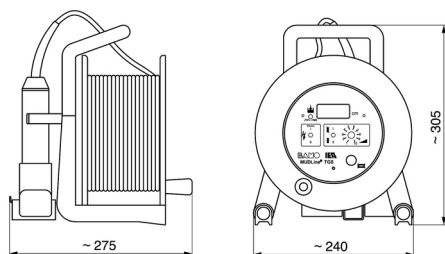
- Control of sludge level in primary and secondary clarifiers
- Suitable to control opaque sludge
- Control in septic tanks

OPERATION

MUDLine is designed for on-site controls in basins or tanks, battery powered and robust, it offers a great flexibility of use. The measuring probe is immersed in the liquid by unwinding the cable. The level of sludge is detected by optical measurement between a light emitter and a receiver. When the probe reaches the sludge, MUDLine beeps, a red LED lights on and a depth measurement is triggered. The measured distance is then displayed. Sensitivity of the optical sensor is adjustable within two measuring ranges (Low and High concentration). A hold function of display allows the reading of the depth, once probe is out of liquid.

TECHNICAL FEATURES

| | |
|------------------------|---|
| Probe | Protection IP68 (max. 10 m according to EN 60 529) |
| Accuracy | About 1 cm |
| Power supply | Battery operated |
| Autonomy | About 100 measurements (7 minutes each) |
| Automatic shutdown | After 7 minutes of non activity |
| Charging time | Max. 2 h 30 min |
| Temperature | 0... +50 °C |
| Cable | TPE, 10 m long |
| Probe material | PVC |
| Protection | Electronic housing / operating elements: IP44 (EN 60 529) |
| Mass | 3.5 kg |
| Battery charger supply | 230 V AC |



| | |
|---|--|
| 1 | On/Off switch |
| 2 | Low battery indicator |
| 3 | LCD Display, 3 digits |
| 4 | Red LED: Sludge detected |
| 5 | Adjustment potentiometer for threshold of sludge concentration |
| 6 | Selector for concentration range |
| 7 | Connector for battery charger |

EC Conformity: The instrument meets the legal requirements of the current European Directives

CODE NUMBER AND REFERENCE

| Code | Description | Reference |
|---------|--------------|---|
| 426 100 | MUDLine® TGS | Sludge level controller, portable equipment |

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controller
MUDLine® TGS

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