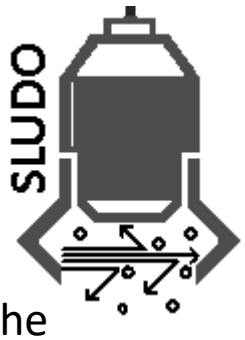
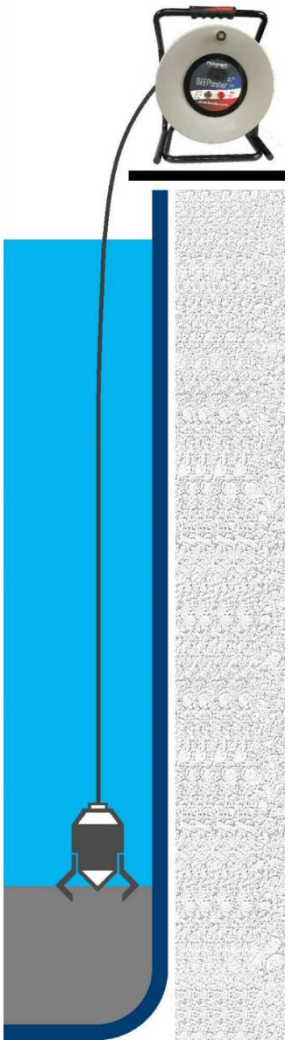
deepSLUDO CE – sediment tester - portable measuring device, designed to measure the depth of the sediment layer. Used for the monitoring of sediment tanks. In the event of immersion in the sediment layer, it generates an optical-acoustic alarm.





Principle of operation - The sludge density is measured using the ultrasonic wave principle. The alarm occurs when the signal drops below 40%, obtained for pure water (100% signal). This information generates an optical-acoustic signal.

Principle of measurement - After switching on, the probe should be immersed in water (no alarm signal). As soon as the probe moves through the water / sediment phase, an acoustic-optical alarm occurs.

Button functions

1s **ON** – turn on (hold for 1 sec.)

3s **OFF** – turning off (hold for 3 sec.)

– alarm logic selection - submerging or ascent generates an alarm (pressing 1 sec. During operation)

The device has a battery discharge protection (rotation sensor), which automatically turns off the device after 15 minutes of inactivity.

Technical data

Set contains	cable drum, ruler tape, measuring probe
Construction	solid, metal construction
Supply voltage	R9V battery with low battery alarm function
Alarm	acoustic (buzzer) and optical (LED)
Cable	reinforced, metal tape to prevent stretching
Lengths available	15 m, 30 m, 50 m, 100 m, 150 m, 200 m, 300 m, 500 m or more
Accuracy	up to 1mm
Probe	IP 68, stainless steel + technological plastic
AUTO-OFF	automatic shutdown after 15 minutes
UP-DOWN	alarm logic selection (submersion or ascent generates an alarm)
SAFETY CASE (option)	the bag is made of three layers of thick material, with a sponge over it

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