

DATA LOGGER MDS DIPPER 3" réf.2687

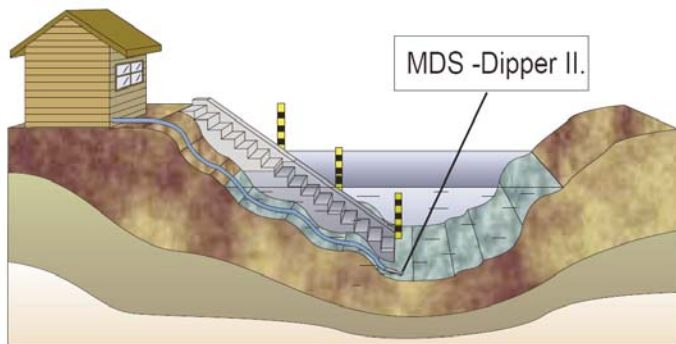
MEASURING SYSTEM FOR THE OBSERVATION OF:

- groundwater measuring sites
- pumping tests
- construction areas
- construction areas

QUALITIES :

- ~ Made of stainless steel
- ~ High data security due to additional flash-memory
- ~ Watch-dog-function for high operation security
- ~ **Maintenance-free** - battery life time >10 yearss - **exchangeable battery** -
- ~ Installation in tubes from 1" diameter

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The new SEBA Data Logger type MDS Dipper-3 is the consequential further development of the well proven MDS Dipper for continuous registration in ground- and surface water, with special focus to the **operation data security** :

A watch-dog-function, integrated in the MDS-Dipper 3 supervises continuously the microprocessor activities and so it provides a high operation security. Undefined system conditions are recognized immediately and eliminated by the Watch-dog function. The MDS Dipper-3 is equipped with a Flash-memory (Flash-RAM). The acquired measuring data are stored in a ring memory organisation

Due to the described double data storage, you have access to the complete measured data in the archive data backup, even in case of breakdown of the power supply!.

Other important characteristics of the MDS Dipper-3

- ~robust, pressure-tight PVC-housing with high chemical resistance for installation in tubes from 1" diameter
- ~exchangeable lithium batteries for >10 years operation (depending on the adjusted measuring interval)
- ~high accurate, robust ceramic pressure measuring cell for different measuring ranges (i.e. 1 bar, 2 bar, etc.)
- ~with diameter independent fixing device, suitable for all standard top pieces.

So the new MDS Dipper-3 sets standards in regards to operation security, data security and functionality

MECHANICAL LIQUID SAMPER KLL-S FOR 2" & 4" TUBES réf.2688



4" 2"

·robust, portable instrument with measuring tape and supporting frame for taking liquid samples from desired depths.

· simple handling due to sophisticated working principle

·adaptable to existing SEBA-electric contact meters with 14mm probe
·easy dismountable and so easy to clean



The liquid sampler KLL-S is designed for operation inconnection to the approved SEBA Electric Contact Meter. In this combination liquid samples can be taken in any desired depth.

The liquid sampler consists of **three parts** – the piston, the sampling tube and the releasing weight. For taking a sample, the sampling tube will be hooked in above the piston. Then you lower the instrument up to the desired depth, which comfortably can be determined due to the graduated flat cable.

You drop the weight, which releases the closing mechanism with the, effect that the **sampling tube falls down and cuts out a water column. The liquid sample can be pulled out easily by means of the supporting drum and the sample can be taken at the drainage tap.**

The instrument is available in two versions:

- for 2" tube diameter (capacity 0,5l; dimension: 49mm x 1750mm)
- for 4" tube diameter (capacity 1,0l; dimension: 90 mm x 1100mm)