

GLÖTZL Baumeßtechnik

SAMPLING DEVICE for FLUID

Type: PNF-MD 40

Art. No.: 86.10

Sampling devices are used for specific extraction of fluids from bore holes, wells, bodies of water a.s.o. up to a depth of 100 m.

The simple construction and functional mode ensures an almost maintenance-free use of the device. It has been developed by the Landesgewerbeanstalt Bayern, Nürnberg with the aim to create an equipment which is uncomplicated and easily to operate in practice.



Device Configuration:

- Cable reel with 30, 50 resp.100 m plastic cord marked and clamp for probe
- Tube part of transparent PVC with nozzle part and slip-on part-drop weight
- Bottom with sealing and extraction cock
- Protection cap for extraction cock

Figure:

Sampling device complete with 100 m plastic cord, probe type MD 40-1, for 1 l volume, max. probe diameter 45 mm, max. weight 4.5 kgs

Article Nos.:	Models:	Sampling Quantity:	Plastic Cord:
No. 86.10.01	Type PNF-MD 40/ .5/ 30	0.5 l	30 m
Nr. 86.10.02	Type PNF-MD 40/ .5/ 50	0.5 l	50 m
Nr. 86.10.03	Type PNF-MD 40/ .5/100	0.5 l	100 m
Nr. 86.10.04	Type PNF-MD 40/ 1/ 30	1.0 l	30 m
Nr. 86.10.05	Type PNF-MD 40/ 1/ 50	1.0 l	50 m
Nr. 86.10.06	Type PNF-MD 40/ 1/100	1.0 l	100 m

Function and Working Principle:

The bottom part is lowered to the required depth with the plastic cord. For this, the cord is marked with colour every 2 m. After reaching the depth, the tube part is dropped into the bore hole guided by the cord.

The nozzles being mounted in the tube part effect a braked tracking, and avoid turbulences, fluid escape during fall and ensure that only the fluid which is straight above the bottom part will be taken.

After the tube part has reached the bottom part, both are completely closed by a double sealing system.

The completely filled probe is drawn to the surface by the plastic cord and the sample is discharged with control by means of the extraction cock.

Special models for specific fluids on request