



SEBA

HYDROMETRIE

Groundwater Sampling Systems

QZY We are certified
ISO 9001
certificate no. 01110505
Quality Is Our Standard



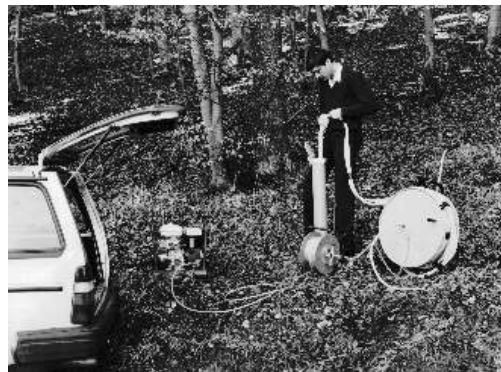
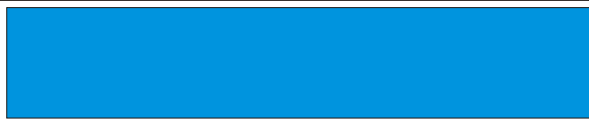
sampling system with 2"-pump
up to 250 m depth



2" liquid sampler



4" liquid sampler



mobile liquid sampler system
with 2"-pump and compressor



Pneumatic-submersible pump

consisting of:

air compressor: Portable petrol-engine driven compressor, ca. 350 l/min suction capacity, 10 bar pressure. Engine: 4-stroke, 2,5 kW, with safety clutch. Weight approx. 40 kg.

connection hose: Connector hose (compressor-hose) consisting of 25 m compressed air-hose on reel, pressure regulator with water tap and filter incl. all necessary fittings. Weight approx. 5,5 kg.

pneumatic-submersible pump: Pneumatic submersible pump in mounting support on mobile hose reel with 30 m delivery hose, compressed and exhaust air-hose and webbing for hooking up the pump, taped together every half meter. 1,5 m compressed air hose for linking up the unit and 1 m hose for drawing off the sample with all fittings; special hooking up the pump in gauge tube or well.

capacity:

pumping head in m	30	60	90	100	225*
delivery volume in l/min	12	9	7	5	2,2

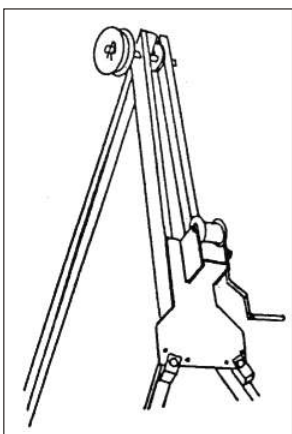
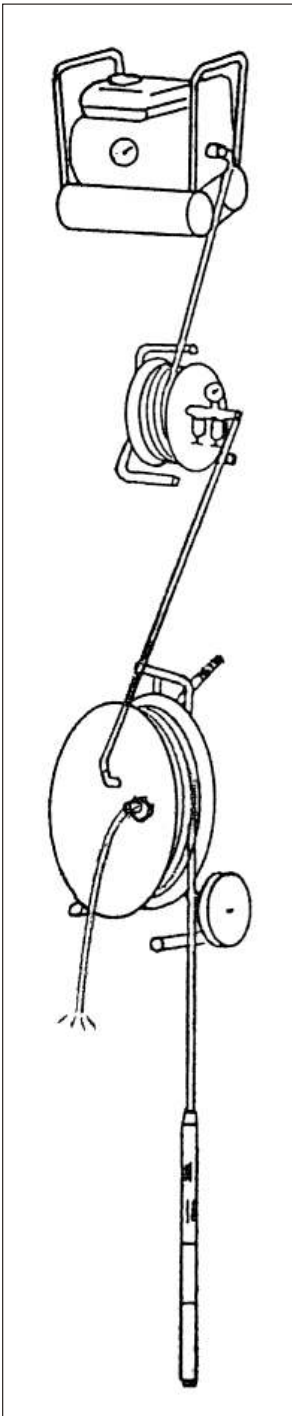
* with special compressor

typ: typ SU-2-N

dimensions: Ø 43 mm
length 620 mm

material: anticorrosive steel

weight: approx. 34 kg incl. hose drive



In case of more than 30m depth

tripod: made of aluminium, solid construction, foldable with pulley, winch with 100 m V2A-cable, 2 mm dia., and pulley for hose; capacity 100 - 150 kp (depending on installation angle); clear height approx. 1,8 m (also depending on installation angle), complete length, folded: 1,4 m; weight: approx 18 kg.

Mechanical Liquid Sampler for 2" and 4" tube

For liquid samples from any depth required

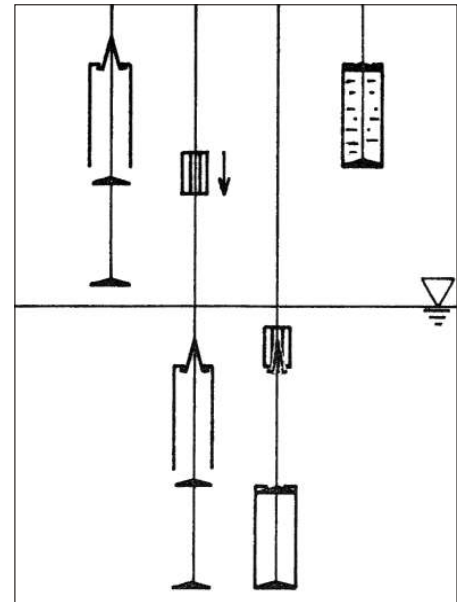
1 litre liquid sampler: metal parts cast aluminium, jacket tube synthetic glass, dropping weight V2A, standard equipment with drain cock, 100m polyamide rope with meter markings, cable drum with carrying handle (perfectly ready for use - see picture). Length of the sampler 530mm, max. diameter 95mm, total weight including drum and rope: 4.5 kg.



2" liquid sampler



0.5 litre liquid sampler: material PVC, standard equipment with drain cock, dropping weight V2A, 30m polyamid rope with meter markings, cable drum with carrying handle and fixing clamp for the sampler (perfectly ready for use - see picture)
Length of the sampler 720mm, max. diameter 48mm, total

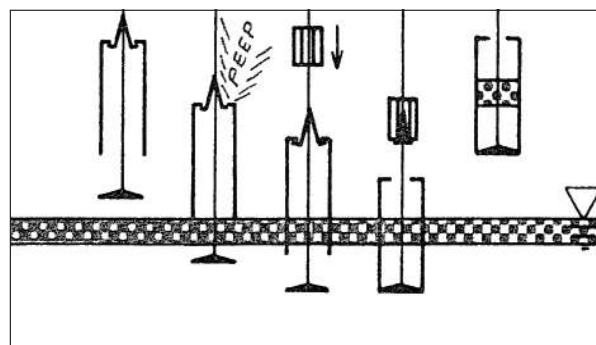


function draught

Layer measuring sampler

Particularly developed to measure the thickness of an oil layer on groundwater in case of oil

By means of this light and handy device a column is collected from the top most 50cm of the liquid. The layers of the liquids (e.g. water-oil) are shown in the closed sampler, the thickness can be read from the scale. The instrument is equipped with a so called well-whistle which means that when draining off the instrument an acoustic signal indicates that the liquid level is reached. The tube clamped to the cable drum serves for storage and cleaning of the sampler.

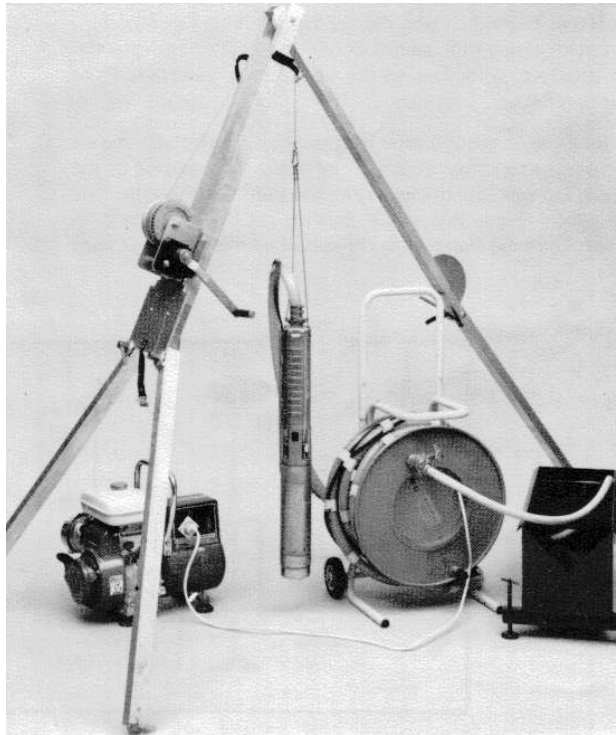


function draught

Plastic material, standard equipment with drain cock, 30m polyamide rope with meter markings, cable drum with storage and cleaning holder for the sampler, plastic fall weight. Fitted well-whistle. Ready for use - see picture. Length of sampler 0.7m, max. diameter 48mm, weight including rope and drum 3kg. Special length on request.

Electrically propelled mobile pump unit

for pumping off groundwater.



consisting of:

Electric underwater pump:

(fabrication Grundfos), outside diameter 95mm, up to delivering height 50 m, max. delivering capacity 0,7 l/sec., weight depending on capacity ca. 25 kg, power dissipation approx. 1 kW / 220 V 50 Hz.

Hose reel:

mobile with 15m delivery hose, diameter 1 inch. Hose ends with Geka-quick couplings and electric cable with special plug (water pressure proof), throttle and stop slide including 1m draining hose with Geka quick coupling, safety plug, condenser and 3 m electric cord with Schuko-plug. Total weight approx. 35 kg

Tripod:

as described by side 2, but with 50 m steel rope, diameter 2,5 mm
Gewicht: ca. 18 kg

Power aggregat:

mobile, petrol driven
1,5 kVAAC
weight: approx. 35 kg



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