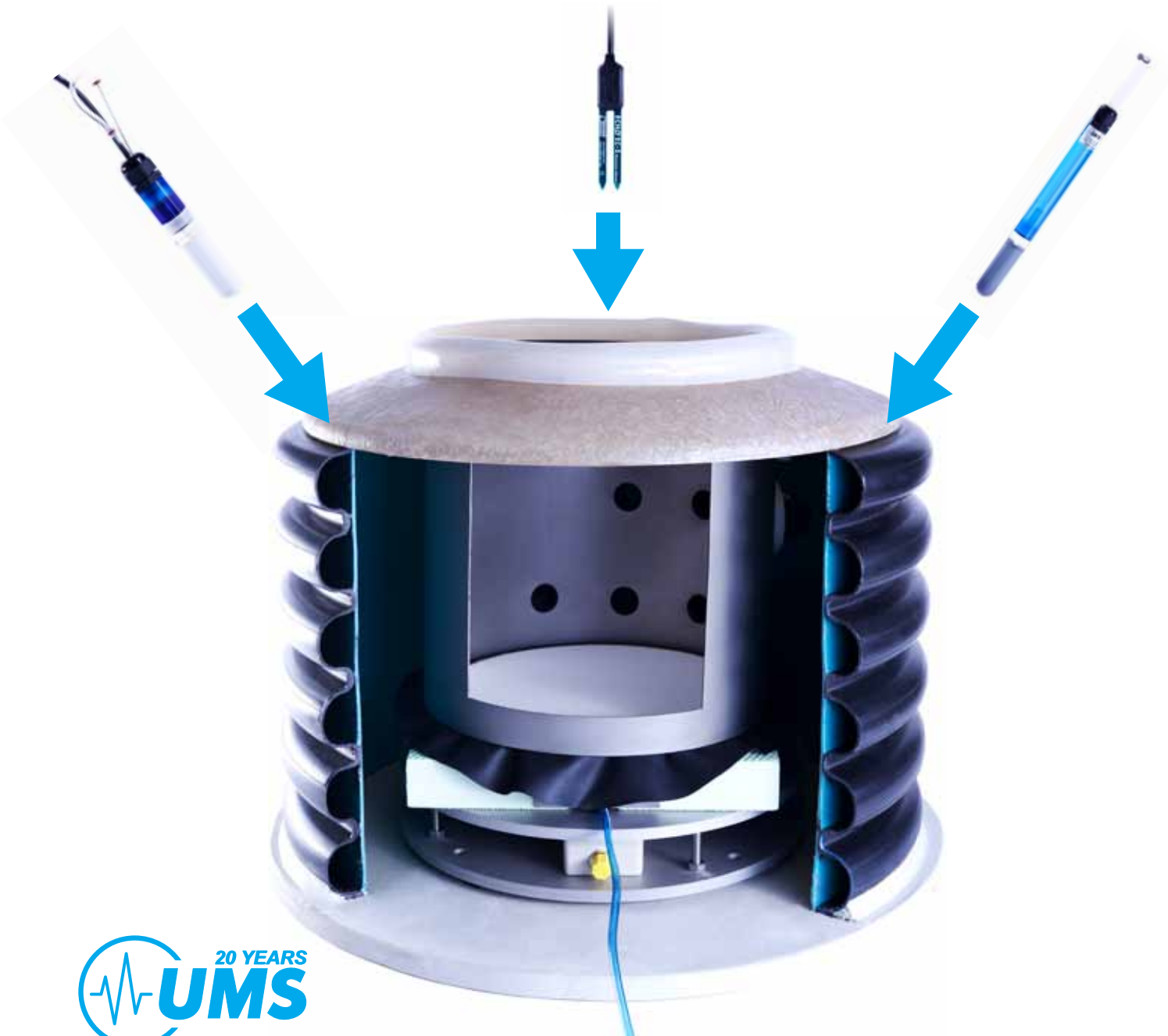


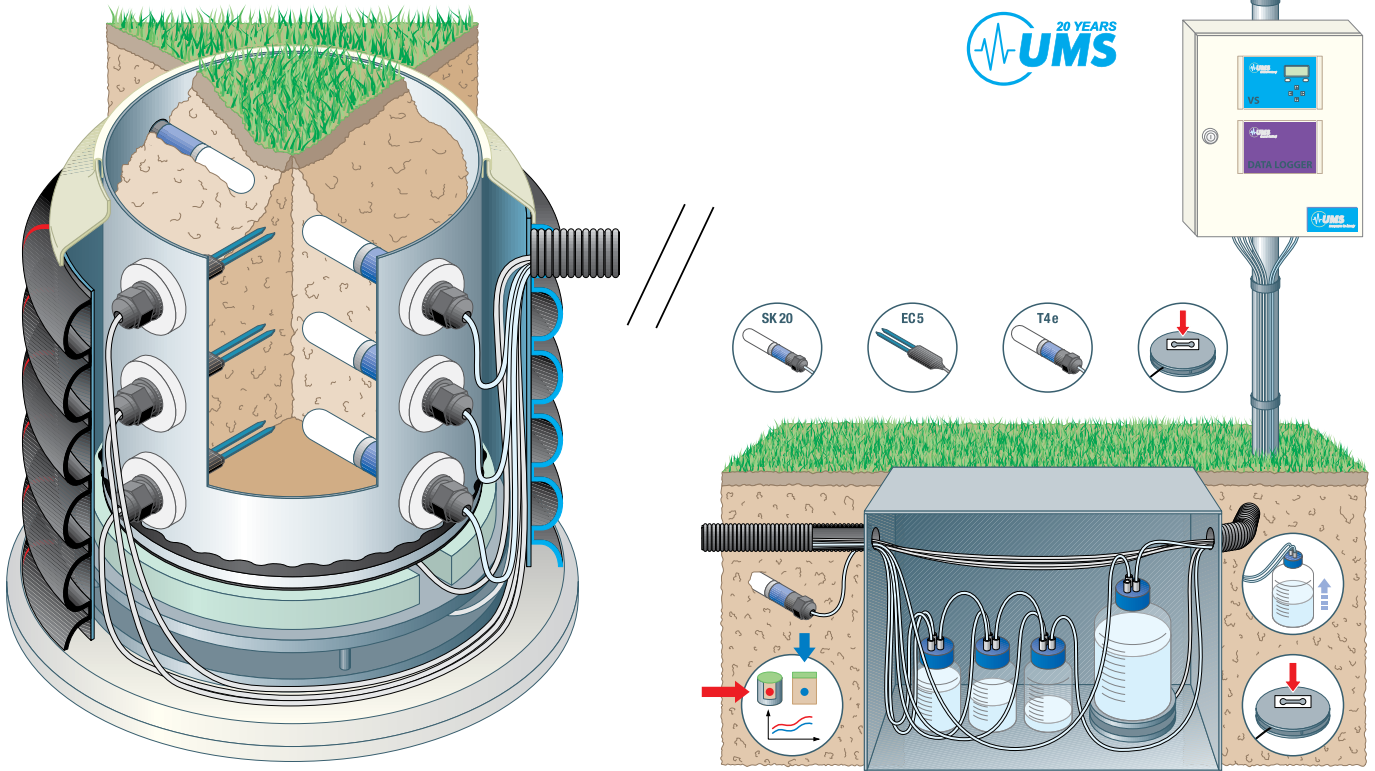
SMART FIELD LYSIMETER

A complete small weighable and tension controlled field lysimeter, combined with tensiometers, FD-probes and suction cups, data logger, optional GPRS modem and powered by solar panels, this is the idea of the UMS SMART FIELD LYSIMETER.

Sure, lysimeter surface and depth could not be big enough, but this small setup gives information on water and solute balance issues lysimeters do. To excavate the undisturbed soil monoliths we offer the tool set.



SMART FIELD LYSIMETER		Item	Art. No.
Lysimeter	Stainless steel	Lysimeter 30 cm soil column	SFL-SET-300
Enclosure	Synthetic material	Lysimeter 60 cm soil column	SFL-SET-600
Platform scale	Size selectable	Lysimeter 120 cm soil column	SFL-SET-1200
Optinal selectable	Decagon EC5 Tensiometer T8 short version Suction Cup SK20 short version GPRS modem Solar panel Logger	Tool set for soil monoliths	KL-TOOLSET



SAMPLING BOTTLES



Soil water sampling bottles made of Simax glass, available in three sizes.

- Implosion proof
- Plastic coating as chip guard
- Silicone rubber gasket with 3 connectors
- Accessory is a clip for upright attachment on walls

SAMPLING BOTTLES	Art. No.
500 ml	SF-500
1000 ml	SF-1000
2000 ml	SF-2000
Wall clip	SF-CLIP

SF-PROTECT



The SF-protect limits the sample volume inside your sampling bottle and protects your vacuum system. If the water level reaches the SF-protect it automatically closes and cuts off the vacuum. The capillary tubing automatically releases the blockade again when the water level is reduced. Supplied with T-piece tube connector 6/4 mm.

SF-PROTECT	Art. No.
SF-Protect	SF-PROTECT

SF-BOX



In the sampling bottle box up to 6 sampling bottles can be stored. The lid is covered with isolating material. Latches shut the box securely. The suction tubes are led through sealed fittings on the side of the box.

- Size 40 x 30 x 28 cm
- Material PVC
- wooden plate reinforced

SF-BOX	Art. No.
Box with 6 bottles	SF-FIELBOX
Box with lid	SF-BOX