



Soil water sampler, depth 90 cm x 48 mm diameter

Code: [450-064](#)

Product Group: [Soil water samplers](#)

- Easy installation.
- Requires no maintenance.
- Ideal for nitrate monitoring.
- 3 sampler sizes available.

Samples water from saturated and unsaturated soils.

This range of soil water samplers can be installed either above or below the water table. They are designed to collect soil water, which can then be extracted from the device and taken to the laboratory for analysis. The sampler is installed into a hole made with a screw or bucket auger.

A negative pressure of up to 85 centibar is applied to the tube using a hand pump. Water enters the sampler through the porous ceramic cup at the end of the sampler. Water samples can be collected as required utilising the universal extraction kit (450-066). The rate of water accumulation depends on the soil type and moisture content.

Nitrate leaching from fertiliser applications can be monitored simply and effectively using these instruments.

Please note the 450-066 Universal extraction kit is required for the operation of soil water samplers.

Each soil water sampler has; plastic tube, ceramic cup, stopper assembly, neoprene tubing and pinch clamp.

Specification

Sampler length	90 cm
Outer diameter	48 mm
Weight	0.48 kg
Dimensions	914 x 127 x 127 mm

Accessories



Universal Extraction Kit

Code: 450-066

Spares/Consumables



Nylon Tube 7.5 Metres

Code: 450-060/10



Stopper Assembly

Code: 450-060/12

Alternatives

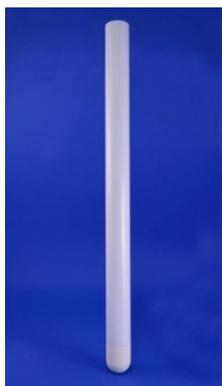


Soil water sampler, depth 30 cm, diameter 48 mm

Code: 450-060

Product Sheet

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Soil water sampler, depth 60 cm x 48 mm diameter

Code: 450-062