



Key Features

- Sets reach a depth of 2 metres
- Undisturbed sampling
- Kit allows sampling at surface and at depth
- Used for a variety of tests, including bulk density determination of soil.

Soil Sample Ring sets, are used for undisturbed samples taken in soils to a depth of 2 metres, provided there are no rocks in its way. Suitable for sampling on the surface, in auger holes or in profile pits, above as well as under groundwater level.

Sample rings are made of seamless stainless-steel tube, smooth inside and out for as less as possible friction. The bottom of the rings has a cutting edge; the precise made dimensions and thus the volume content of the ring is exact.

Applications

- Water permeability
- Weight by volume
- Density
- The soil-water-air relationship at field capacity
- The pore distribution
- The oxygen diffusion
- Determination of moisture content as various moisture tension levels

Specification

Specification	
Connection	N/A
Sample diameter	53 mm
Sample height	51 mm
Sample volume	100 cm ³
Sample specification	Undisturbed
Sample stored in	Container
Sample position	Vertical
Package size	117 x 27 x 33 cm
Weight	31 kg



Set Variations



Soil sampling ring kit - model A53

07.53.SA

Sample ring kit model A53 is a standard set for use in soft soils. This ring kit is used for sample rings with a diameter of 53 millimetres.

- Not suitable for hammering
- Simple and quick sample ring exchange due to the open ring holder

Set contains

- Open ring holder, with bayonet connection
- Extension accessories
- Edelman auger, combination type Ø 7 cm
- Riverside auger Ø 7 cm
- Case with 24 soil sample rings, numbered from 1-24 and lids
- Cleaning brush
- Strong carrying bag

Soil sampling ring kit - model C53

07.53.SC, SE & 07.60.SC & 07.84.SC

Sample ring kit model C53 is a standard set for use in medium to hard soils. This ring kit is used for sample rings with a diameter of 53 millimetres.

Model E53 (07.53.SE) is a heavy design used for very hard soils but otherwise the same as C53. Alternatively, the set comes as a 60mm (07.60.SC) and 84mm (07.84.SC) diameter versions.



- Sample rings protected by ring holder
- Suitable for hammering
- **07.60.SC** for use with the compression test (08.67) & shear/compression test apparatus (08.68)
- **07.84.SC has 250cm³ sample volume**

Set contains

- Close ring holder, heavy duty with conical
- Extension accessories
- Edelman auger, combination type Ø 7 cm
- Riverside auger Ø 7 cm
- Impact absorbing hammer & Spatula
- Case with soil sample rings, numbered with lids
- Cleaning brush
- Strong carrying bag
- Hammering head for rings
- Guide cylinder

