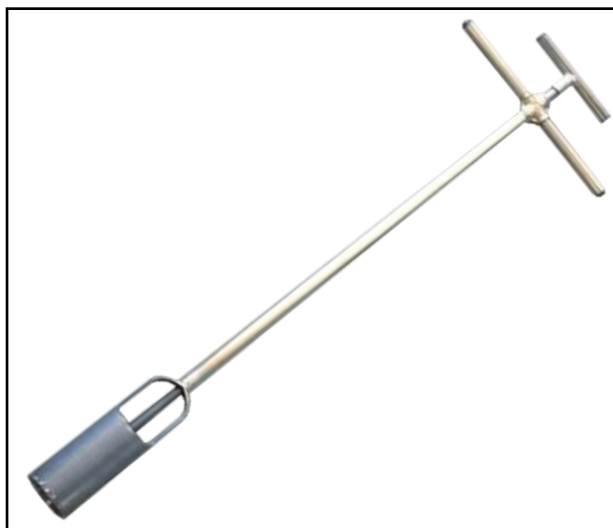




This single root auger is very cost effective and gives large cylindrical cores. The auger is easy to clean and suitable for soft (turf) layers.

Root research is executed to improve the insight in the possibilities for root growth (depth and concentration) of the root system of trees and plants. An extensive root system allows the plant to benefit from a large volume of soil. If enough nutrients and water are present, the absorption will be larger if the root system is more extensive. Measuring the root system also is a useful means of localising physical and/or chemical barriers in the soil profile.

Key Features

- Durable, maintenance free stainless steel
- Undisturbed sampling
- Gives large cylindrical cores, easy to wash
- Length of 15 cm
- Depth of maximum 1 metre

Note this auger is not suitable for hammering.

If the root system deviates from an 'ordinary' root system, this is due to the following profile characteristics:

- Presence of layers that are hard to penetrate by roots, for example heavy clay and loam layers.
- Sharp contrast in profile, e.g. clay to sand, a soil rich of humus to a soil poor of humus (sand),

Applications

- Soil sampling above groundwater table
- Environmental soil research
- Undisturbed sampling
- Soil texture research
- Root zone sampling

Specification

Specification	
Maximum root thickness	10 mm
Maximum sample depth	100 cm
Product material	Iron, other material
Sample diameter	80 mm
Sample length	150 mm
Sample specification	Undisturbed
Sample volume	750 ml
Sampler position	Vertical
Package size	119 x 19 x 9 cm
Weight	4.41 kg

