

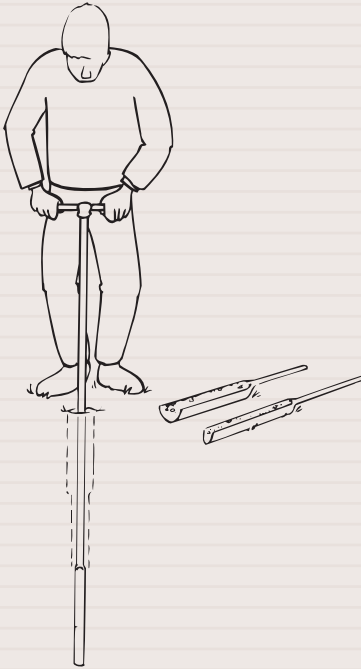


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# SOIL CORE SAMPLERS

## P1.04

The gouge auger with the smallest diameter is used for the deepest sample.



### 04.04 Gouge auger set for stepwise sampling

The set consists of three bi-partite gouge augers with different diameters. By first taking a sample with the gouge with the largest diameter and subsequently with gouges having smaller diameters cross-contamination among the samples is avoided. The gouge augers can be pushed into the soil, or hammered (with an impact absorbing hammer). Because of the short operational length and the diminishing diameters the set is very suitable for profile research (nitrate research) in soils with a somewhat higher penetration resistance.

### 04.03 Gouge auger model P

This bi-partite gouge auger distinguishes itself from other gouges by the cylindrical tapered cutting head at the bottom side of the gouge that, when the auger is pushed into the soil, cuts a cylinder shaped piece from the soil. As a result the auger does not need to be revolved around its axis after being inserted, as the other gouge augers

need to be (less sensitive to torsion). The tapered cutting head also holds the sample better.

For this auger roughly the same applications apply as for the ordinary steel gouge augers. This type of auger is particularly suitable for soil mapping because of its small diameter and the cylindrical cutting head.



Set for stepwise sampling



Gouge auger model P

## BENEFITS

### 04.03 Gouge auger model P

- Sampler body fixed with cutting ring
- Push and pull out; no rotation required
- Limited volume per sample; easy field mixing