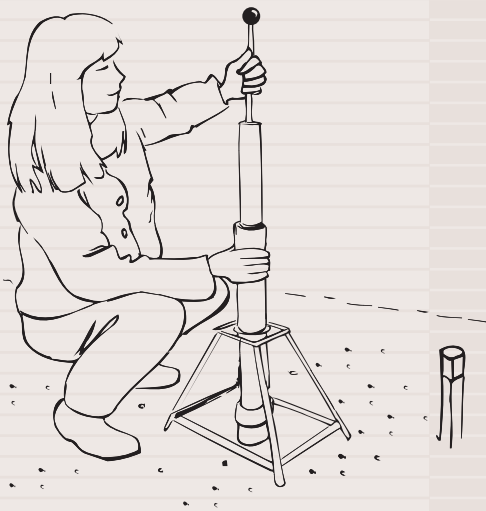




You will return to the contents of P1 SOIL by clicking the pictogram

## P1.31

The ring is hammered into the soil using the drop weight.



### 08.09 Core cutter method according to Dutch RAW standard 2000, test 4.4

The set with the equipment for the core cutter method is used for other applications as the soil sample ring kits described before. The set is especially used for works of civil engineering construction.

The core cutter method is used for the determination of the density and the soil moisture content of embankment- or foundation material according to the Dutch RAW-standard 2000.

With a drop weight and a guide cylinder a special stainless steel sample ring, with a diameter of 95.7 x 102 mm and a height of 81.5 mm, is hammered into the soil surface.

The sampled material is transported to the laboratory, where after weighing and drying, the density and soil moisture content is determined.

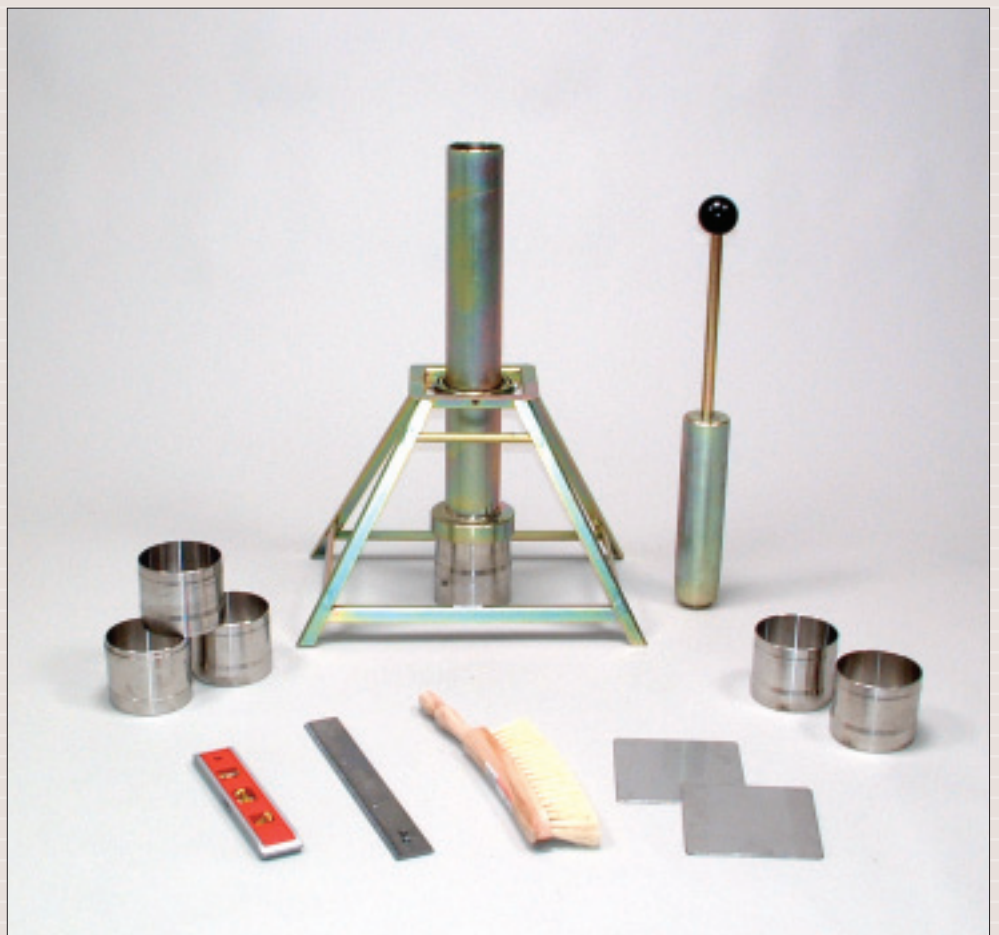
The standard set includes (according to RAW-2000, test 4.4): a stainless steel sample ring with cutting edge for non-cohesive material and one for clay and clayey light gravely sand, a collar for the sample ring, a guide cylinder for the drop weight, a drop weight, a frame for the guide cylinder a steel rule , a flat stainless steel plate, a flat brush and a water level.

Note: the core cutter method is only suited for material without stones.

## BENEFITS

### 08.09 Core cutter method

- Takes very large undisturbed samples
- Stainless steel cutting rings
- Used for density measurements and others



Core cutter method according to Dutch RAW standard