

## DATA SHEET

### Soil Sampler, Cutter and Extruder



Cutting and extruding soil sampler with rack and pinion mechanism 16-T0026/A. Suitable for samples up to 100mm dia.

#### General description

This versatile sampler can be used to extrude and prepare soil samples for the following soil mechanics tests:

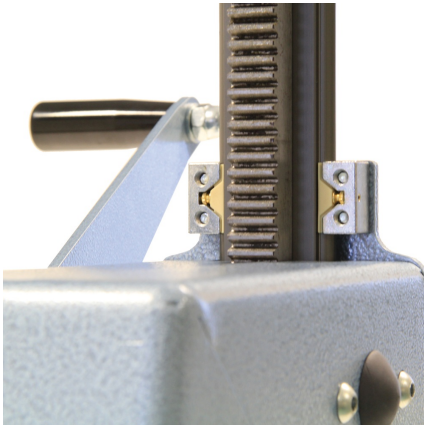
- consolidation
- shear
- triaxial
- permeability
- other tests

Various circular, cylindrical and square cutters are available from our range, depending on the geotechnical test to be performed. The cutter is gently (thank to the rack and pinion mechanism) pushed into the soil core and then extruded with the extrusion dolly. See the table of accessories for more details.

#### Main features

- Specimen cutting: up to **100mm circular and square samples**
- Speciment extrusion: up to **200mm high samples** (more than 600mm daylight is required for 100mm dia sample extrusion)
- Upper plate size: 120mm
- Vertical Daylight: 620mm
  
- Overall sizes: 525x360x1530mm ( included the rack and pinion mechanism extended)
- Weight: 22kg

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Detail of soil sampler rack and pinion mechanism

### Products

#### **16-T0026/A**

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### Accessories and consumables

#### **26-WF0320/3**

Cutting ring for 50.47mm diameter samples

#### **26-WF0321/3**

Cutter ring for 63.50mm diameter samples

#### **26-WF0325/3**

Cutter ring for 71.40mm diameter samples

#### **26-WF0326/3**

Cutter ring for 75mm diameter samples

#### **26-WF0335/3**

Cutter ring for 112.80mm diameter samples

#### **27-WF0215/B7**

Sample cutter for 60mm square samples

#### **27-WF0216/B7**

Sample cutter for 100mm square samples

#### **27-WF0217/B7**

Sample cutter for 50mm dia samples

#### **27-WF0218/B7**

Sample cutter for 60mm dia samples

#### **27-WF0219/B7**

Sample cutter for 63.5mm dia samples

#### **27-WF0222/B7**

Sample cutter for 100mm

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### **28-WF0420/9**

Hand sampler for 35 mm dia samples

### **28-WF4031/G**

Hand sampler complete of cutter, dolly and receiver for 38mm samples

### **28-WF4051/G**

Hand sampler complete of cutter, dolly and receiver for 50mm samples

### **28-WF4071/G**

Hand sampler complete of cutter, dolly and receiver for 70mm samples

### **28-WF4101/G**

Hand sampler complete of cutter, dolly and receiver for 100mm samples