

### TS 780 MOHS HARDNESS SCALE SET

EN 101

Used for identifying minerals according to the surface hardness .

The kit comprises 9 reference minerals (talc, gypsum, calcite, fluorite, apatite, feldspar, quartz, beryl, corundum)

Dimensions: 180 x 120 x 20 mm.

Weight: 500 g.



TS 780

### TS 718 TILT TEST INSTRUMENT

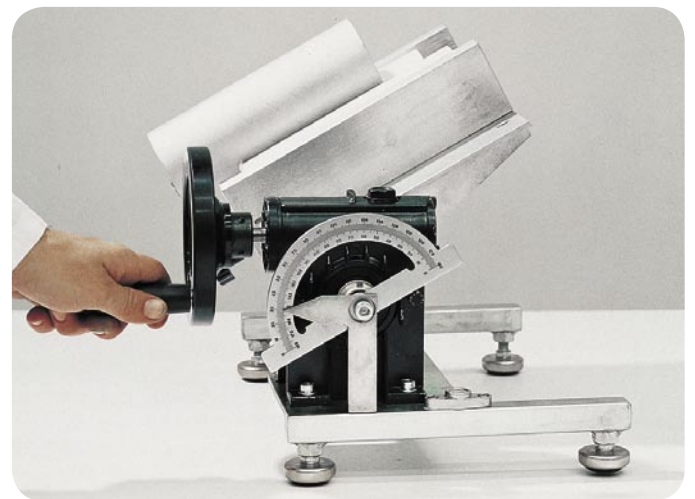
The instrument is used to measure the roughness coefficient of a joint.

The sample is usually a rock core cut in half lengthwise or a core placed on another two.

Should the surfaces or flow lines prove to be smooth, the measurement is that equivalent to the basic angle of friction of the rock. A crank handle allows accurate and continuous inclination angle. Angle: 0 - 90°

Dimensions: 300 x 300 x 250 mm

Weight: 14 kg.



TS 718

### AT 390 DEFORMETER - EXTENSOMETER

ASTM C 426 BS 1881: 206

For measuring linear deformations on mortar, rock, concrete specimens. The instrument comprises an Invar bar which has a head with a conic point at each end.

The point at one end is fixed whilst the one at the other end can be slightly rotated around a perpendicular axis.

The rotational motion is transmitted with a 1:1 ratio to the dial gauge with 5 mm travel (-2.5 +2.5).

The structure to be checked is prepared by gweing together 2 disks with marked centres.

Position at which, to glue the disks is given by the gauge stick that has fixed points at each end.

Variation of distance between the two disks is measured with micrometric precision and shown on the instrument.

The equipment comprises the instrument, the gauge stick, 50 datum discs, 1 tube of adhesive.

Gauge length: 300 mm (standard).

Upon request other lengths (200-250-400-600-900 mm) are also available.

Dimensions: 350 x 200 x 100 (h) mm. Weight: 3.2 kg.



AT 390

#### Spare parts:

AT 390/P Pack of 100 datum discs

AT 390/C Special glue for discs