

## B056 KIT STANDARD DIAL PENETROMETER

STANDARDS: EN 1426 | ASTM D5 | BS 1377-2 | NF T66-004  
AASHTO T49

Used to determine the consistency of a bituminous sample under fixed conditions of load, time and temperature. The penetration is expressed in distance of tenths of millimeters vertically penetrated by a standard needle. The standard penetrometer has a sturdy aluminium base table with levelling screws, plated vertical rod, **micrometric vertical adjustment device**.

The slider is brass made with free fall. The dial, graduated in 360° (division 0.1 mm), has a diameter of 150 mm.

The penetrometer is supplied with stop and release push button, automatic zero set, micrometer adjustment, set of weights 50 and 100 g penetration needle, brass sample cups Ø 55x35 mm and 70x45 mm.

**Dimensions:** 220x170x410 mm.

**Weight:** 11 kg approx.



**B057-03**



### ACCESSORIES

#### for B056 KIT, B057 KIT, B056-01 KIT, B056-02 KIT

**V122-08** SAMPLE CUP Ø 55x40 mm, aluminium made to BS 1377-2.

**B057-02** MIRROR, for an easier setting of the needle.

**B057-03** TRANSFER DISH, made of glass, with support.

**B057-06** PENETRATION NEEDLE HARDENED STEEL,  $42.5 \pm 2.5$  mm long supplied with UKAS Verification Certificate.  
Weight:  $2.5 \pm 0.05$  g

**B057-07** PENETRATION NEEDLE HARDENED STEEL,  $42.5 \pm 2.5$  mm long. Each needle is individually verified with engraved serial number, and perfectly meets EN 1426 Specification. Weight:  $2.5 \pm 0.05$  g

**B057-01L** LONG PENETRATION NEEDLE, not hardened,  $52.5 \pm 2.5$  mm. Comparable to EN, to test specimens where the penetration is expected to exceed 35 mm

**B057-07L** LONG PENETRATION NEEDLE HARDENED,  $52.5 \pm 2.5$  mm to EN 1426, to test specimens where the penetration is expected to exceed 35 mm

**B057-08** TERMOMETER, IP 38C Range:  $+23^{\circ}\text{C}$  to  $+26^{\circ}\text{C}$ .  
Grad.  $0.1^{\circ}\text{C}$

**B089** TERMOMETER, EN, Range:  $+19^{\circ}\text{C}$  to  $+27^{\circ}\text{C}$ .  
Grad.  $0.1^{\circ}\text{C}$  - ASTM 17C

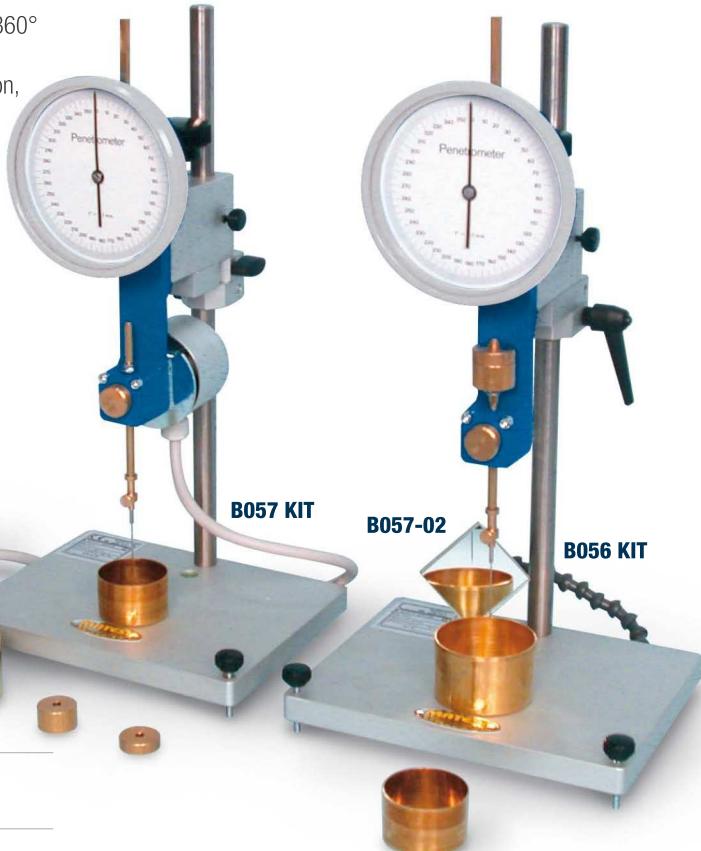
## B057 KIT AUTOMATIC DIAL PENETROMETER

Basically structured as mod. B056 KIT but having a magnetic controller device with electronic digital programmable timer that automatically releases the plunger head and ensures free falling of the needle during the 5-seconds test.

**Power supply:** 230V 1ph 50-60Hz 200W

**Dimensions:** 220x280x410 mm

**Weight:** 15 kg approx.



### SPARES for B056 KIT, B057 KIT, B056-01 KIT, B056-02 KIT

**B057-01** Penetration needle, not hardened,  $42.5 \pm 2.5$  mm long. Comparable to EN Spec. Weight:  $2.5 \pm 0.05$  g

**B057-04** 50 g weight.

**B057-05** 100 g weight.

**V122-05** Sample cup, brass made, Ø 55x35 mm

**V122-06** Sample cup, brass made, Ø 70x45 mm

