

Automatic Bitumen Penetrometer

BS 2000-49, EN 1426 13179-2, ASTM D5,
AASHTO T49, IP49

- **Fully automatic**
- **Microprocessor control**
- **Optoelectronic penetration detection**

A compact unit incorporating the latest technologies including a motorised mobile head, digital keyboard, microprocessor, optoelectronic detection, and a control LCD alpha-numeric display.

The interactive software enables the penetration time as well as the soak time to be set and programmed between 0 and 999 minutes.

The head can be set to move at 4 different speeds with precision between 1/10 mm and 1/100 mm.

Four mobile head positions can be memorised in order to shorten approach times and levelling attempts. Limit parameters can also be entered. If test falls out these pre-set limits both visible and audible signals are activated.

The instrument is made of an anodised aluminium base plate with levelling screws and spirit level, sample containers centring guide, magnifying lens and low voltage illuminator mounted on flexible arms.

Specifications

Display.	LCD alpha-numeric display.
Keyboard.	Digital type.
Speeds.	Head can be moved vertically at 4 different speeds between with precision between 1/10 mm and 1/100 mm.
Construction.	Consists of anodised aluminium base plate with levelling screws and spirit level, centring guide, magnifying lens, and low voltage illuminator.
Output.	RS-232 port.
Dimensions (l x w x h).	260 x 320 x 540 mm.
Weight.	23 kg

Ordering Information

46-5380/01 Automatic Bitumen Penetrometer, supplied *without* penetration needles, 220-240 V AC, 50/60 Hz, 1ph.



Accessories

46-5380/11

46-5380/12

46-5800

46-5860

46-5861

Penetration Needle, 2.5 +/- 0.05 g

50 g Weight

Transfer Dish

Penetration Tin

For penetrations between 200 and 350, approximately 70 mm diameter x 45 mm deep. Weight 30 g.

Penetration Tin

For penetrations below 200 approximately 55 mm diameter x 35 mm deep. Weight 25 g.

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