

Sampling bitumen and oil / Bitumen preparation
Penetration of bituminous materials

SAMPLING BITUMEN AND OIL

STANDARD

pr EN 58, ASTM D140, AASHTO T40, CNR No. 98, No. 81

81-B0010

Bacon sampler 1 l cap.



81-B0010

Used to obtain bitumen or oil samples from various levels. Made from brass.

Dimensions:

80 mm dia. x 250 mm long

Weight approx.: 1.5 kg

BITUMEN PREPARATION

81-B0099/B

Air bath. 230 V, 50-60 Hz, 1 ph.

Used for softening bituminous materials before tests. The stainless steel vessel can receive up to 600 g of bitumen. Built-in thermoregulator. Heat protection.

Power: 600 W

Dimensions: 170x230x300 mm

Weight approx.: 3 kg



81-B0099/B

PENETRATION OF BITUMINOUS MATERIALS

STANDARD

EN 1426, ASTM D5, AASHTO T 49

81-B0100/A

Standard penetrometer

81-B0100/B

Standard penetrometer with micrometer vertical adjustment

81-B0101/B

Standard penetrometer with automatic controller and micrometer vertical adjustment.

230 V, 50-60 Hz, 1 ph.

81-B0101/BZ

Same as above but 110 V, 60 Hz, 1 ph.

General description and specifications

Cast iron base with levelling screws, 5 inch dial, 1/10 mm division – Release button – Automatic zeroing.

Models 81-B0101/B and 81-B0101/BZ are supplied complete with automatic controller, which automatically releases the plunger by a magnetic device.

Models 81-B0100/B, 81-B0101/B, and 81-B0101/BZ are fitted with a micrometer vertical adjustment device. Needles and cups are not part of the apparatus and have to be ordered separately. See accessories.

Weight approx.: 8.5 kg



81-B0100/B with 81-B0100/1 and 81-B0110 sample cup

Accessories

81-B0100/1

Mirror with articulate holder

82-B0100/6

IP 38 C Thermometer +23 to 26°C range, 0.1°C graduation

82-B0125/2

EN Thermometer +19 to 27°C range, 0.1°C graduation – ASTM 17C

82-B0122/4

EN Thermometer -8 to +32°C range, 0.1°C graduation – ASTM 63C

81-B0109

Glass transfer dish with support. 100 mm dia., 75 mm high

81-B0110/A

Sample cup, dia. 55x35 mm. Set of 6

81-B0110/B

Sample cup, dia. 70x45 mm. Set of 6

81-B0113

Penetrometer needle. Weight 2.5 g

81-B0113/1

Verified penetrometer needle. Complete with the test certificate of the National Physical Laboratory

81-B0115 Standard penetration cone. Conforms to ASTM D217



81-B0101/B