

B063-10 PARTICLE CHARGE TESTER

PARTICLE POLARITY OF BITUMEN EMULSIONS
STANDARDS: EN 1430 | ASTM D244 | CNR N. 99

This apparatus is used to identify the particle charge of bitumen emulsions.

The equipment comprises:

- Milliammeter scale up to 10 mA on support base
- Variable resistor
- Two stainless steel electrodes
- Insulating device
- Beaker 250 ml capacity to EN spec.
- Glass rod

Power supply: 250V 1ph 50-60Hz

Dimensions: 200x200x600 mm

Weight: 3 kg approx.

ACCESSORY

B063-11

BEAKER 500 ml capacity to ASTM spec.

B063-10



B072-20 WILHELMI SOFTENING POINT APPARATUS

STANDARDS: EN 1871 | DIN 1996-15

Used for determining the softening point of bituminous materials for road construction, according to Wilhelmi method.

The softening point is the temperature where a layer of thermoplastic material has a deformation given by a steel sphere weighting 13.9 g. The apparatus comprises a ring divided in two halves on a metal support frame, glass beaker, steel ball 15 mm diameter.

Weight: 2 kg approx.

B072-20 + B072-02



ACCESSORIES for B072-20

B072-02

THERMOMETER, ASTM 16C, scale +30 °C +200 °C, subd. 0.5 °C.

B073-02

ELECTRIC HEATER WITH MAGNETIC STIRRER, suitable for still water and glycerine tests, with softening point up to 150 °C.

Power supply: 230V 1ph 50-60Hz 700W

Weight: 4 kg approx.

See p. 150

B063 KIT EMULSIFIED ASPHALT DISTILLATION APPARATUS

STANDARDS: EN 1431 | ASTM D 244 | AASHTO T 59 | CNR N° 100

Used for the determination of cut-back asphaltic materials by the distillation test. The set is formed by: aluminium still container, glass connectors including condenser, stands, graduated cylinder, two thermometers ASTM 7C range -2 to +300 °C, gas ring burner with gas stop valve controlled by a flame sensor.

It can be sold on CE markets, but not usable in closed spaces.

Weight: 12 kg approx.

SPARE

B063-01 Thermometer -2 to +300 °C ASTM 7C

B063 KIT



B063-05 STORAGE STABILITY OF ASPHALT EMULSIONS

STANDARD: NF T66-022

This apparatus is used for the determination of the storage stability of emulsions by decantation. It consists of a 12V current stabilized source, cylindrical electrode, base with holder, stainless steel vessel 500 ml capacity, watch glass.

Power supply:

230V 1ph 50-60Hz

Dimensions: 200x200x500 mm

Weight: 5 kg approx.

B063-05

