

**B063-10**

**Particle charge tester**

**DETERMINATION OF 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: 200x200x600mm

Weight: 3 kg approx.



B063-10

ACCESSORY:

**B063-11**

BEAKER 500 ml capacity to ASTM spec.

**B063 KIT**

**Emulsified asphalt distillation apparatus**

STANDARDS: EN 1431 / ASTM D 244 / AASHTOT 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 in CE markets, but not usable in closed spaces.

Weight: 12 kg

SPARE:

**B063-01** Thermometer ASTM 7C



B063 KIT

**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 dia.

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 1000W

Weight: 4 kg approx.

See pag. 134

**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

