#### B063-10

# Particle charge tester

# DETERMINATION OF PARTICLE POLARITY OF BITUMEN FMUI SIONS

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.



### ACCESSORY:

#### B063-11

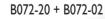
BEAKER 500 ml capacity to ASTM spec.



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.



# 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 KIT**

# **Emulsified as phalt 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

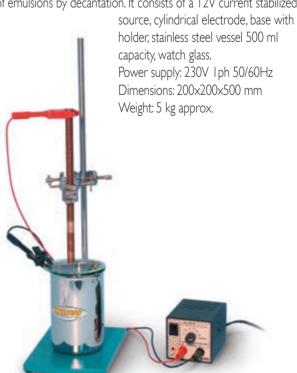


#### B063-05

# 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



B063-05

