

## B024-10 RADIAL-FLOW FALLING HEAD PERMEAMETER

STANDARD: EN 12697-40

Used to determine the time taken for 4 liters of water to dissipate through an annular area of the surfacing of a pavement under known conditions.

Consisting of:

- acrylic tube 125 mm inside diameter, 560 mm long, marked at 1 liter and at 5 liters
- internal rod with rubber ball valve
- wooden base with sealing gasket

**Dimensions:** 800x450x680 mm

**Weight:** 8 kg approx.



B024-10

## B024-05 CONICAL SIEVE 0.355 mm MESH

STANDARD: EN 15366

Used to verify the absorption degree of mineral oils and hydrocarbons from granulate products spread on the road during winter time.



B024-05

## B024 PERMEAMETER

FOR DRAINING PAVEMENTS IN SITU

STANDARD: ITALIAN HIGHWAY SYSTEM,  
COMPARABLE TO MPW OF BELGIUM

Mainly used in situ to perform and to check the permeability and drainage on road carpets, concrete pavements, tamped earth etc. The test consists in filling the cylinder with water, after ermetically positioning it on the carpet under test and then in calculating the time needed by a certain quantity of water to be absorbed by the same. The instrument is composed of a bottomless plexiglass cylinder 140 mm inside diameter, fitted on a base. The cylinder has two black calibration lines: one at zero point and one at 250 mm.

**Dimensions:**

260x260x425 mm

**Weight:** 8 kg approx.



B024-01

B024

### ACCESSORY

#### B024-01

WEIGHT KG 5, annular shape, to apply on the base of the permeameter, to improve its adherence to the material under test.

## B099-10 SAND PATCH EQUIPMENT

STANDARDS: EN 13036-1 | ASTM E965 | NF P98 216-1

Road and airfield surface characteristics.

Measurement of pavement surface to determine the average macrotexture depth using a volumetric patch technique.

The equipment comprises:

Spreader disc with handle and rubber coated surface. Wind shield

Soft brush. Screw-adjusted compass 500 mm graduated rule.

Metallic cylinder for spheres volume measurement.

Two glass pycnometers with metallic screw top and pouring hole

Three graduated cylinders 10.25 and 50 ml cap. Knee-guard

Carrying case

**Weight:** 4 kg approx.



B099-10

### ACCESSORIES

**B099-15** GLASS SPHERES, size 180/212 microns to EN 13036-1  
Pack of 5 kg.

**B099-16** NATURAL SAND 300/150 microns, 25 kg bag.  
ASTM E965.

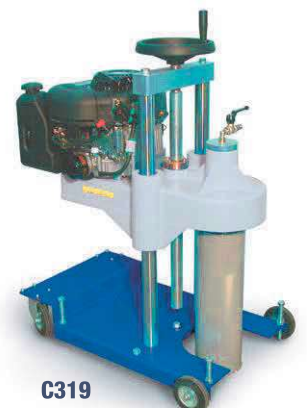
**B099-17** NATURAL SAND 150/75 microns, 25 kg bag.  
ASTM E965

## SAMPLING OF ASPHALT ROAD CORES DETERMINATION OF PHISICAL PROPERTIES AND COMPOSITION

STANDARD: EN 12697-27

## C319 PAVEMENT CORE DRILLING MACHINE

Technical details, other models of machines, coring bits etc. described in section "C" p. 334



C319