

## Reflux extractors

ASTM D2172

### GENERAL DESCRIPTION

Used for the quantitative determination of bitumen in hot-mixed paving mixtures and pavement samples. The bitumen content is calculated by difference from the weight of extracted aggregates, moisture content and ash from an aliquot part of the extract.

The apparatus consists of a two wire mesh cones with interlocking frames, a cylindrical glass jar and a water condenser with inlet/outlet tubes. Two models available: 1 and 4 liters capacity. The extractors have to be used with a suitable hot plate with aluminium disk for better heat distribution. The filter paper is not included and have to be ordered separately. See accessories.

The solvent used can be profitably recovered with the Solvent recovery unit.

### TECHNICAL SPECIFICATIONS

- Capacity:
  - 75-B0013/A, 1000 g
  - 75-B0014/A, 4000 g
- Overall dimensions (hxdia.):
  - 75-B0013/A, 465x150 mm
  - 75-B0014/A, 510x265 mm
- Weight approx.:
  - 75-B0013/A, 3 kg
  - 75-B0014/A, 9 kg

### ORDERING INFO

#### 75-B0013/A

Reflux bitumen extractor, 1000 g capacity

#### 75-B0014/A

Reflux bitumen extractor, 4000 g capacity

### ACCESSORIES

#### Accessories

#### 10-D1402/D

Hot plate, 185 mm dia. with thermostat 230 V, 50-60 Hz, 1 ph

#### 75-B0015/6

Aluminium disk 160 mm dia.

#### 75-B0013/4

Filter paper 300 mm dia for 75-B0013/A. Pack of 50 pieces

## DATA SHEET

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**75-B0014/4**

Filter paper 400 mm dia for 75-B0014/A. Pack of 50 pieces

**Spare parts**

**75-B0013/1**

Spare glass jar for 75-B0013/A

**75-B0014/1**

Spare glass jar for 75-B0014/A

**75-B0013/2**

Spare stainless steel wire mesh cone for 75-B0013/A

**75-B0014/2**

Spare stainless steel wire mesh cone for 75-B0014/A

**75-B0013/3**

Spare brass condenser for 75-B0013/A

**75-B0014/3**

Spare brass condenser for 75-B0014/A



75-B0013/A, 10-D1402/D, 86-D1441