

CENTRIFUGE EXTRACTORS

STANDARDS: EN 12697-1 Clause B.1.5; EN 13108, ASTM D2172, AASHTO T164 A

Used for the determination of bitumen percentage in bituminous mixtures.

It consists of a removable precision machined rotor bowl, housed in a cylindrical aluminum box.

They are driven by an electric motor fitted with AC drive (inverter) with the double function of speed control up to 3600 rpm. Regardless of the frequency (50 or 60 Hz) and electrical breaking.

The centrifuge can be set for the automatic speed ramp up to 3600 rpm and will stop in 10-15 seconds.

The control panel includes: Start/Stop button and speed control knob.

Two models are available with 1500 g and 3000 g capacity.

The Centrifuge Extractors are supplied with aluminum Bowl and Cover and Filter Papers.



HR-AS1505

Technical Specifications:

Product Code	Product Name	Capacity (lt)	Dimensions (cm)	Weight (kg)	Power Supply
HR-AS1500	Centrifuge Extractor	1500	65x45x55	35	220 V, 50-60 Hz, 1 ph
HR-AS1505	Centrifuge Extractor	3000	65x45x55	35	220 V, 50-60 Hz, 1 ph

Spare Parts & Accessories:

Product Code	Product Name
HR-AS1500/1	Filter Paper for HR-AS1500 (Pack of 50)
HR-AS1500/2	Rotating Bowl and Cover for HR-AS1500
HR-AS1505/1	Filter Paper for HR-AS1505 (Pack of 50)
HR-AS1505/2	Rotating Bowl and Cover for HR-AS1505



HR-AS1505/1

REFLUX EXTRACTORS

STANDARDS: ASTM D2172, AASHTO T 164-B

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 aliquot part of the extract.

The Reflux Extractor is available in two, 1000 g and 4000 g capacity models.

The apparatus comprises a cylindrical glass jar, two wire mesh cones with interlocking frames, a water condenser with inlet/outlet tubes, hot plate and 50 filter papers.



HR-AS1525/4



HR-AS1525