

# Filterless centrifuge binder extractors

ASTM D2172 | EN 12697-1

## MAIN FEATURES

- High speed with continuous flow
- Filterless method assures complete filler recovery
- Automatic ramp and pre-set speed control
- Up to 100 g or 400 g can be extracted per test

## GENERAL DESCRIPTION

Used for rapid filterless separation of filler (ash) from binder solution coming, for instance, from Wire mesh extractor model 75-B0015. The centrifuge can also be used for binder recovery from an asphalt sample previously disgregated in solvent and poured into the funnel fit with 200 mm dia. test sieves to separate gradually the aggregates. The test is carried out by pouring the solvent from the top funnel into the rotating aluminium cup. Due to the centrifugal effect, the liquid spreads on the wall and moves upwards, leaving mineral particles in the cup whilst the liquid is discharged outside through the outlet tubing. A special electronic circuit provides for a preset controlled ramp which gradually increases the speed to the maximum. Two models available: 75-B0024/N for filler extraction up to 100 g per test, fit with 70 mm dia. cup and 75-B0024/B for filler extraction up to 400 g per test, fit with 122 mm dia. cup. The 75-B0024/N, NY and NZ versions do not include sieves which have to be ordered separately, conforming to EN standard. See accessories. The cup should be internally lined with paper for a better and complete removal of filler. See accessories: 75-B0005/2.

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

## TECHNICAL SPECIFICATIONS

Models	75-B0024/N	75-B0024/B
Max. quantity of filler extracted per test	50-100 g	400 g
Cup dimensions, mm	Dia. 70x190	Dia. 122x211
Max. speed, r.p.m.	11000	11000
Power, W	550	1000
Sieves included	See accessories	0.075, 0.25, 0.71, 2 mm
Overall dimensions (lxwxh) mm	500x370x850	560x640x1200
Weight approx. kg:	55	100

## DATA SHEET

### ORDERING INFO

- 75-B0024/N** Continuous flow filterless centrifuge, 70 mm dia. cup. 230 V, 50 Hz, 1 ph.
- 75-B0024/B** Continuous flow filterless centrifuge, 122mm dia. cup, with four 200 dia. sieves, appetures 0.075, 0.250, 0.710, 2.00mm. 380 V, 50 Hz, 3 ph.

### ACCESSORIES

#### Accessories

#### TEST SIEVES

- 15-D2335/J** 200 mm dia. ISO test sieve, 63 µm opening
- 15-D2330/J** 200 mm dia. ISO test sieve, 75 µm opening
- 15-D2300/J** 200 mm dia. ISO test sieve, 150 µm opening
- 15-D2275/J** 200 mm dia. ISO test sieve, 250 µm opening
- 15-D2230/J** 200 mm dia. ISO test sieve, 710 µm opening
- 15-D2185/J** 200 mm dia. ISO test sieve, 2 mm opening

Note: The EN standard require 0.063 and 2 mm opening sieves. Alternative configuration includes 0.075 and 0.150 mm opening

#### LINING PAPER

- 75-B0005/2** Lining paper for 75-B0024/N and 75-B0024/B series centrifuges. Pack of 100

#### Spare parts

- 75-B0024/1** Spare aluminium cup dia. 70x190 mm for 75-B0024/BN series centrifuges.
- 75-B0005/1** Spare stainless steel cup dia. 122x211 mm for 75-B0024/B centrifuge.



75-B0024/N with sieves



75-B0024/B