

BINDER EXTRACTION AND SEPARATION OF MINERAL MATTER. AUTOMATIC EXTRACTION (CONTINUED)

Accessories

■ 75-B0005/50

Cabinet with aspirator for automatic extraction unit.
230 V, 50 Hz, 1 ph.

Designed to house the extraction units. Including wheel mounted carriage for easy removal of the extraction unit, fitted with electric aspirator and roof opening with basket for activated charcoal. Supplied complete with a bag of activated charcoal. The use of this cabinet is recommended to minimise the diffusion of toxic solvents in the laboratory.

📦 Overall dimensions:

1635x920x2300 mm (wxdxh)

📊 Weight approx.: 200 kg



75-B0005 in the 75-B0005/50 cabinet

BINDER EXTRACTION AND SEPARATION OF MINERAL MATTER HIGH SPEED FILTERLESS CENTRIFUGE METHOD

📄 **STANDARD: EN 12697-1 clause B.2.1** and CNR No. 38, DIN 1996, ASTM D1856

General description and specifications

Used for rapid filterless separation of filler (ash) from binder solution. 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. The models available are 75-B0024/A for filler extraction up to 100 g per test, and 75-B0024/B for filler extraction up to 400 g per test. They are supplied complete with 200 mm dia. sieves (see table) and pack of 100 lining paper for:

■ 75-B0024/A

Filterless extraction centrifuge 70 mm dia. cup. 230 V, 50 Hz, 1 ph.

■ 75-B0024/AZ

Same as above but 110 V, 60 Hz, 1 ph.

■ 75-B0024/AY

Same as above but 220 V, 60 Hz, 1 ph.

■ 75-B0024/B

Filterless extraction centrifuge 122 mm dia. cup. 380 V, 50 Hz, 3 ph.

Spare parts

- ✔ **75-B0024/1** Spare aluminium cup 70x190 mm dia. for models 75-B0024/A
- ✔ **75-B0005/1** Spare stainless cup 122x211 mm dia. for models 75-B0024/B
- ✔ **75-B0005/2** Spare lining paper for 75-B0024/A and 75-B0024/B. Pack of 100



75-B0024/B

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



75-B0024/A

Specifications

	75-B0024/A	75-B0024/B
Quantity of filler extracted per test (g)	50-100	400
Cup dimensions (mm)	Ø 70x190	Ø 122x211
Max. speed (r.p.m.)	11000	11000
Power (W)	550	1000
Sieves supplied (mm op.)	0.075 - 0.149	0.075 - 0.25 - 0.71 - 2
Overall dimensions (lxwxh) mm	500x370x850	560x640x1200
Weight approx. (kg)	55	100