SUPPLIED BY BURGAN EQUIPMENT CO.

Centrifuge Binder Extractors

1500 g and 3000 g capacities · Standard and explosion-proof versions



Burgan Equipment Co. supplies centrifuge binder extractors for finding the bitumen content of asphalt and other bituminous mixtures.

Centrifuge extraction is the most widely used binder extraction method because the solvent does not need to be heated. Each unit has a removable, precision-machined rotor bowl inside a cylindrical aluminium housing, and works with chlorinated solvents such as TCE and PERC.

3600 RPM MAX SPEED	**550 W** AC DRIVE MOTOR
1.5 / 3 kg SAMPLE CAPACITY	**100** FILTER DISCS INCLUDED

KEY FEATURES

- **Inverter speed control.** AC drive takes the bowl up to 3600 rpm at 50 or 60 Hz.
- **Simple controls.** Start/Stop button, speed knob and digital speed display.
- **Stable, quiet running.** Rotating unit sits on four calibrated springs.
- **Explosion-proof versions.** With a separate control panel, for flammable solvents.
- **Automatic ramp.** Runs up to full speed, or to any speed set on the front knob.
- **Dual braking.** Electric brake, plus a hand brake for emergency use.
- **Solvent-tight cover.** Precision-machined lid with solvent-resistant gasket.
- **Optional cover lock.** CE electromagnetic lock keeps the lid shut while spinning.

STANDARDS

AASHTO T164-A · ASTM D2172 · EN 12697-1

CENTRIFUGE BINDER EXTRACTORS

MODELS

ALL MODELS SUPPLIED WITH 100 FILTER DISCS

CODE	CAPACITY	POWER SUPPLY	VERSION
75-B2212	1500 g	230 V, 50-60 Hz, 1 ph	STANDARD
75-B2214	1500 g	110 V, 60 Hz, 1 ph	STANDARD
75-B2222	1500 g	230 V, 50-60 Hz, 1 ph	EXPLOSION-PROOF
75-B2312	3000 g	230 V, 50-60 Hz, 1 ph	STANDARD
75-B2314	3000 g	110 V, 60 Hz, 1 ph	STANDARD
75-B2322	3000 g	230 V, 50-60 Hz, 1 ph	EXPLOSION-PROOF

Explosion-proof models come with a separate control panel.

TECHNICAL SPECIFICATIONS

Maximum speed	**3600 rpm**	Motor	**550 W, AC drive (inverter)**
Speed control	**Auto ramp / front knob**	Display	**Digital, speed-proportional**
Braking	**Electric + emergency hand brake**	Suspension	**4 calibrated springs**
Dimensions (L × D × H)	**539 × 406 × 509 mm**	Weight	**approx. 54 kg**

ACCESSORIES & SPARES

CODE	DESCRIPTION
75-B0022/1	Filter discs for 1500 g model, pack of 100
75-B0023/1	Filter discs for 3000 g model, pack of 100
75-B0022/2	Spare rotating bowl and cover, 1500 g
75-B0023/2	Spare rotating bowl and cover, 3000 g
75-B2210/UP1	Electromagnetic cover-lock safety upgrade (CE). Stops the cover opening while the bowl spins. Factory-fitted, for 75-B2212 and 75-B2312 only.

Supplied and supported in Kuwait, UAE and Qatar by **Burgan Equipment Co.**
Contact us for pricing, availability and technical advice.

burganequipment.com
burganuae.com

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1976 - 2026

Fifty Years of Precision

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