

45 Asphalt - Analysis and Binder Recovery

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Asphalt Centrifuge Extractors

EN 12697-1; ASTM D2172; AASHTO T164

- ◆ Continuously variable speed control from 0 to 3,600 rpm (1500 g capacity model)
- ◆ Brake control for rapid deceleration
- ◆ Available in either 1500 g or 3000 g capacity models

The Centrifuge Extractor is used to determine the quantitative amount of bitumen in bituminous paving mixtures whilst providing high safety to the operator.

Specification		
Dimensions (l x w x h)	559 x 305 x 508 mm	
Control	1500 g 3000 g	Variable speed, 0-3600 rpm Variable speed, 0-2600 rpm
Cover	Precision-machined aluminium; removable, with integral cup for adding solvent	
Housing	Cast aluminium, sealed	
Bowl	Precision-machined aluminium; removable	
Filter discs	100 included	
Weight	EL45-3800 EL45-3805	35 kg 41 kg

Ordering Information

EL45-3800/01 RotaTest 1500 g Capacity. Meets EN/ASTM. For 220 V AC, 50 – 60 Hz, 1ph

EL45-3805/01 RotaTest 3000 g Capacity. For 220 V AC, 50 – 60 Hz, 1ph.

Accessories

EL45-3803 Filter Papers for EL45-3800. Pack of 100.

EL45-3807 Filter Papers for EL45-3805. Pack of 100.

Spare

EL45-3805/10 Replacement Bowl. 3000 g.



EL45-3800/01 RotaTest



EL45-3855/01 Reflux Extractor

Reflux Extractor (4000 gram)

ASTM D2172; AASHTO T164

- ◆ 4000 gram capacity
- ◆ Glass jar for visual observations
- ◆ Thermostatically controlled hot plate

The 4000 gram capacity of the Reflux Extractor provides higher accuracy for acceptance testing procedures. This extractor has two cone type screens holding 2000 grams each. The unit consists of two cone screens, water condenser, pyrex reflux jar, a thermostatically controlled hot plate and a supply of filter paper.

Specification	
Capacity	4000 g
Baskets	Stainless steel wire, mounted; 2,000 g capacity. 2 included
Condenser	Copper
Jar	Pyrex glass, 280 mm diameter x 510 mm height
Hot plate	Thermostatically controlled
Filter paper	Coarse-textured (Grade 617); 40 cm diameter

Ordering Information

EL45-3855/01 Reflux Extractor (4000 gram). For 220 – 240 V AC, 50 – 60 Hz, 1ph.

Accessories

EL45-3857 Filter Paper. Pack of 50.