



## Centrifuge Extractors

For quantitative determination of bitumen content in paving mixtures, centrifuge extractor operation requires relatively short time. Sample is weighed, heated slightly until it starts crumbling, cooled, placed in rotor bowl and solvent is added. Centrifugal action forces liquid through a filter paper ring at bowl's periphery, and process is repeated until expelled solvent is clear color.

Aggregates are weighed and graded. Weight before and after extraction determines constituent proportions.

All motorized units have accurate, dependable electronic solid state speed control; rotation speed adjusts up and down.

Electric brake stops rotation in less than 10 seconds. Explosion-proof motorized units offer same features along with greater safety.

Hand-driven unit is ideal for field application or labs with light duty. Units are corrosion-resistant lightweight cast aluminum.

Includes 10 filter rings. Extra bowls recommended to speed multiple batching; order separately. Meets ASTM D2172 (Method A).

### Centrifuge Extractors, Analog Control, Cast Aluminum Construction

Dimensions are: 18" x 18" x 18" (457 x 457 x 457mm)



H-1456

Capacity	Open Motor		Explosion-Proof Motor		Shipping Wt.	Filter Ring Replacements
	115V 60Hz	115V 60Hz	220V 50/60Hz	220V 50/60Hz		
1500g	H-1456	H-1466	H-1466.4F		75 lb (33kg)	H-1487.627 4 micron retention 10" OD x 5" ID Package of 100
3000g	H-1471	H-1473	H-1473.4F		80 lb (36kg)	H-1489.627 4 micron retention 12-1/4" OD x 5" ID Package of 100

### Centrifuge Extractors, Digital Control, Cast Aluminum Construction

Controller can be wall mounted to vibrations. Push button and walk away while machine runs unattended. Memory holds "last test" cycle settings. Shuts off automatically at end of test cycle.

Dimensions are: 18" x 18" x 18" (457 x 457 x 457mm)



H-1461

Capacity	Open Motor		Explosion-Proof Motor		Shipping Wt.	Filter Ring Replacements
	115V 60Hz	115V 60Hz	220V 50/60Hz	220V 50/60Hz		
1500g	H-1460	H-1461	H-1461.4F		76 lb (35kg)	H-1487.627 4 micron retention 10" OD x 5" ID Package of 100
3000g	H-1464	H-1465	H-1465.4F		80 lb (36kg)	H-1489.627 4 micron retention 12-1/4" OD x 5" ID Package of 100

### Replacement Parts, Models H-1456 to H-1473

Description	Model
Aluminum Bowl, Model H-1456, H-1466	H-1456B
Aluminum Bowl, Model H-1471, H-1473	H-1471B
Bowl Cover, Model H-1456, H-1466	H-1456 BC
Bowl Cover, Model H-1471, H-1473	H-1471BC
Cover Nut	H-1456N
Clamp for all models	H-1471C
Rubber Viton O-ring for all models	H-1471RV
Brake band for all models	H-1456BB
Brake Band Assembly for all models	H-1471BBA