Thwing-Albert Instrument Company

KHUSHBOO SCIENTIFIC SINCE 1984
Exclusive Distributor for India

EZ-Cup Vapometer

Permeability Cups

Model 68-3000 EZ-Cup

Easy open model simply turn to open and close the sample in place with the threaded flanged ring.

The Vapometer is used for determining the water vapor permeability of sheet materials such as specialty paper grades, polyethylene, building material, leather, weatherproof clothing, vinyl, foil, laminates and other thin sheet materials. This property is essential in determining if a material is moisture proof or has the ability to protect contents from the transmission of water vapor.

Our Water Vapor Permeability Cups have a mechanical sealing system using two Buna-N gaskets and a Teflon seal. They can be used at any temperature or relative humidity to ensure product performance across different conditions.

Depending on the end use, water or a desiccant is placed in the base of the container. The specimen is then quickly sealed with the threaded flanged ring between the two Buna-N gaskets and placed in a test chamber that controls the atmosphere. Vapor loss or gain is measured by recording the weight of the sample at different intervals over a period of time. The cups are serialized for an easy way to keep track of the different samples.

FEATURES

- Complies with: ASTM E96, ASTM D1653, TAPPI T464, T448, DIN 53122, ISO 12572
- Mechanical seal
- Test samples up to 3 mm (1/8 in) thick

68-3000 Vapometer EZ-Cups

The Vapometer Cup consists of a light weight aluminum cup and an aluminum threaded flanged ring with two Buna-N gaskets with a Teflon seal that hold the specimen in place. This design was specifically created to eliminate edge leakage and to provide fast secure sealing of the specimen between the gaskets. Specimens are easily loaded and sealed in place by twisting the threaded upper aluminum flange in place.

- Diameter: 63.5 mm (2.5 in)
- Depth: 50.8 mm (2.0 in)
- Weight: 153.4 grams

Vapometer Cup Models

	Part #	Diameter	Weight	Depth
	68-3000	63.5 mm (2.5 in)	153.4 grams	50.8 mm (2″)
	68-3002	63.5 mm (2.5 in)	127.7 grams	19.05 mm (3/4″)
	68-3003	63.5 mm (2.5 in)	123.3 grams	12.7 mm (1/2″)
	68-3014 (SAE J2665)	63.5 mm (2.5 in)	165.8 grams	50.8 mm (2″)

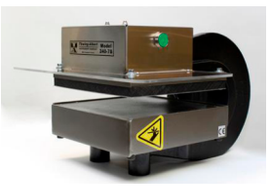
Consumable Parts

	Part #	Description
	68-0110	EZ-Cup Teflon Seal
	68-0109	EZ-CUP Buna-N Gasket
	68-0135	Perforated Plate
	68-0136	J2665 Vapometer Gasket 1mm Fluoroelastomer
	68-0137	J2665 Vapometer Gasket 2mm Fluoroelastomer
	68-0138	Blank Disk

Available Sample Prep 2.9375″ Diameter

#68-0152:
Circular Die

For use with the Alfa Cutter Press
(or similar die cutter)



240-7B Alfa Cutter

#68-0153:
Circular Mallet Die

For use with a Mallet

Khushboo Scientific Pvt. Ltd.
NABL Accredited Calibration Lab
15th Floor, Jolly Maker Chambers II,
Nariman Point, Mumbai - 400 021,
Maharashtra, India
Mumbai | Delhi | Chennai | Pune | Ahmedabad

Contact Us
+91-22-4884 4886/81/93/85
sales@khushbooscientific.com
www.khushbooscientific.com
GEM Seller Id : BAB7190000927726

Certifications
NABL (CC-4436) ISO CRISIL