

PACE[®] **TECHNOLOGIES**

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Castable Vacuum Mounting

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LSSA-011 Vacuum Mounting Chamber

Applications:
-Castable resins

-Epoxy resins
-Acrylic resins
-Polyester resin

Vacuum mounting of castable mounting resins significantly improves penetration of voids and provides better edge retention. The LSSA-011 vacuum impregnation unit (Part No. LSSA-011) allows for pouring the resin under maximum vacuum and for mounting multiple specimens.

The vacuum mounting chamber is designed to fill voids in specimens by first pulling a vacuum, then pouring the resin, followed by slowly increasing the pressure in order to force or push the castable resin (epoxy, acrylic, or polyester) into the voids, porosity, cracks, or other crevices in the specimen.

Technical Specifications:

Feature	Specification
Bell jar	Plastic
Pouring mechanism	Tilting, retractable arm
Mount Size	1 to 2-inch (25-50 mm)
Vacuum	Vacuum pump
Dimensions (W x D x H)	12 x 12 x 12-inch (300x 300 x 300 mm)
Weight	2.2 lbs (1 kg)
Part Number	LSSA-011

Vacuum Pump (sold separately):

Description	110V Vacuum Pump	220V Vacuum Pump
Flow Rate	2.5 CFM	7.2 m3/h
Ultimate Vacuum	10 Pa	0.2 Pa
Inlet Port	¼" SAE and ½" ACME ports	7/16-inch - 20
Dimensions (W x D x H)	11 x 4.75 x 9-inch (279 x 120 x 229 mm)	13 x 5.5 x 10-inch (337 x 138 x 254 mm)
Weight	16.5 lbs (7.5 kg)	22 lbs (10 kg)
Part No.	VAC-110	VAC-220

