

Vacuum Casting Equipment

Low Batch Serial Production

From prototypes through to low volume production, Vacuum casting systems are proven solutions – high quality, repeatable, cost effective components in a wide range of materials.

- ABS
- Nylon
- Polypropylene
- Rubber
- Clear
- Acrylic / PC and other PU Based..



Quick
Production



Eliminates
Expensive
Metal Mold

Customised Sizes Available
Made In India



AAD SOLUTECH
BUILDING SMART FACTORIES



VCM 300
(300 x 300 x 300 mm3)



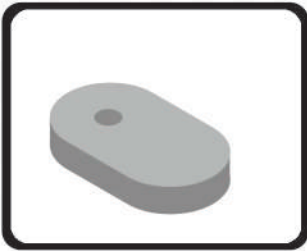
VCM 650
(650 x 600 x 550 mm3)



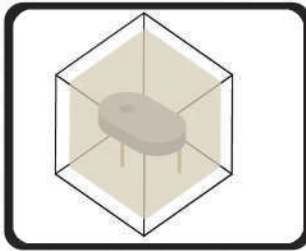
VCM 1200
(1200 x 700 x 650 mm3)

	Specifications	
1	Vacuum Pump	25 m ³ /hr
2	Material of Construction	Body / door - Structural steel
		Panel - is2062- sheet
		Frame - Wrought iron
		Thickness as per final size - approx 12 mm.
3	Doors	Made of Structural steel . Glass is fitted in metal rigid frame
		Thickness: Depend on final size. Approx 12 mm. Depend upon stress analysis of final size.
		Glass - 19 mm thk, toughened.
		View widow : 150x350 mm ² approx.
4	Resin Pouring	Automatic
5	Resin Pouring Cup	Cup capacity 0.5 litre
		Cup are consumable - optional
6	Mould placement	No table is provided
		up and down mechanism can be provided on special request
7	Panel Details	Contain - Single phase preventer, PLC- Fatek make, HMI - 4 inch Fatek make.
		pressure display, timer display
		Switch gears - C& S/ L&T
9	Machine weight	Weight Approx : 350 Kg
10	Warranty	One year for manufacturing defects only
11	Power	2.5 Kw x Three phase
12	Other Specifications	Pressure Transmitter - Baumer make
		Single phase
		Pump overload protection
		Seals - Silicone

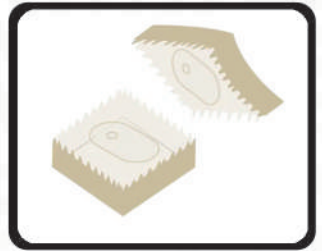
The Vacuum Casting Process



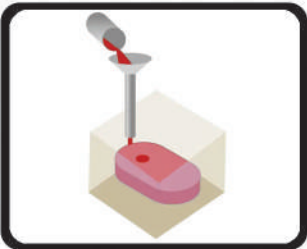
Master Model made by
3D Printing / CNC



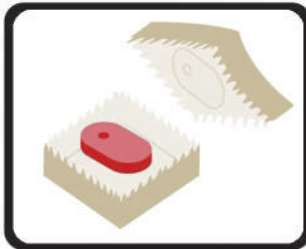
Casting Frame is filled with
silicone to produce the mold



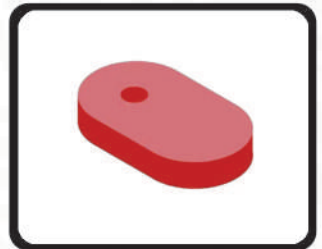
Get the mold core and
cavity



Polyurethane is poured into
the molds in the VC Machine



The Part is cured and
realised



The same mold is reused
to make more parts

The PU Material is available in Grades of ABS, Nylon, PP, Rubber, Clear, Acrylic.. etc

For more information, please connect with us:



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