



CAST TECH
INTERNATIONAL

INVESTMENT MIXING MACHINE IVM-3



- **HIGH QUALITY CASTING WITH A MINIMUM AMOUNT OF WORK**

The investment machine table top is designed to mix 6 kg of investment compound under vacuum and to simultaneously fill 3 flasks.

- **HIGH SURFACE QUALITY AND CONTOUR SHARPNESS ON CASTINGS**

It is now also possible to produce smaller quantities of castings with a high surface quality and contour sharpness.

- **PLEASANT AND CLEAN WORK THROUGH SIMPLE OPERATION**

This mixer is simple to operate and ensures a clean and pleasant working environment. The variable speed mixer guarantees that the correct rotational speed for the specific investment process can be selected at all times. Drive motor and mixing chamber are fixed to each other. This construction avoids malfunction of the machine.

- **MINIMUM MAINTENANCE NEEDED TO MAINTAIN THE MIXER**

All Parts Of The Machine Are Made Of Stainless Steel Or Aluminium (Al). This Results In Minimum Maintenance As Well As Wear & Tear. To Protect The Vacuum Pump A Filter System Has Been Installed Which Improves The Life Cycle Of The Pump Substantially. The Filling Taps Are Made Of Special Alloy Which Is Not Affected By Gypsum Powder & Water.

TECHNICAL SPECIFICATION	IVM-3
Max. of Flasks	120-140mm
Max. Height of Flasks	200mm
Max. Number of Flasks	3
Flask Container	290mm
Height Flask Container	255mm
Max. Volume Of Investment Material	6Kg
Stirring Container	200mm
Height of Stirring Container	305mm
Motor Mixing	Dual Speed
Typing of Electric Current (3 Phase)	400V 50HZ 1,3 KW
Dimension (W x D x H)	760 x 370 x 770mm
Gross Weight	120 Kg
Vacuum Pump & Oil In to be changed after	25 CFM & 150 Flask

TECHNICAL DETAILS

Filtering system for the protection of the vacuum pump improves the life cycle of the pump substantially.

The taps are made of a special alloy which is not affected by gypsum and water.

Gaskets which are affected by the corrosiveness of the gypsum and are used daily have a life cycle of 2 - 3 years. Through loosening two screws they can be removed for maintenance or replacement (no dismantling).

Maintenance-free three-phase motor. Perfect protection against corrosion since all parts are made of aluminium (Al) or stainless steel.

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Classique Centre, B 6 & 7- Ground Floor, Nr Paper Box, Off Mahakali Caves Rd, Andheri East, Mumbai- 40093
Ph: +91 22 49765163 Email : mumbai@cast-tech.in Web: www.cast-tech.in