

HST-VMM-90 Full Automatic Vacuum Cold Mounting Machine



(machine picture for your reference)

Introduction

Sample mounting eliminates the air in the sample and the cold mounting material, and the liquid mounting material fills the gaps in the sample, eliminating the gap between the sample and the mounting material, thereby achieving a tight combination of the sample and the mounting material. Samples are also well protected and supported during grinding and polishing.

HST-VMM-90 fully automatic vacuum cold mounting machine has a built-in vacuum pump, high vacuum, automatic moving mounting mold, and automatic filling of cold mounting material. Complete the entire mounting process of mounting eight samples, vacuuming, maintaining vacuum, and deflating multiple times with one click.

Main functions

1. Inlay mode, divided into manual and fully automatic modes;
2. Manual mode, flexible inlay;
3. Automatic mode, set according to different materials and samples, can save and recall 999 sets of process parameters. The process parameters are password-protected and easy to call;
4. Process parameters such as vacuum degree, vacuum maintenance time, deflation, number of cycles, inlay completion reminder, etc. can all be set;
5. Complete the entire mounting process of multiple samples, multiple vacuuming, maintaining vacuum, and deflation cycles with one click;
6. 8 samples automatically move to the inlay and liquid adding position; multiple samples can be poured into the mold at one time in vacuum for vacuum inlay;

7. Automatically add cold mounting material;
8. Both the mounted sample and the mounting material can be vacuumed in advance; multiple cycles of pumping and deflating the mounting process can be implemented.
9. High vacuum: -0.06MPa (-60KPa); quickly reach the set high vacuum.
10. Built-in vacuum pump, low noise, oil-free and pollution-free.
11. Large-volume vacuum chamber and transparent upper cover for easy observation.

Main Specifications

Name	Specification
Automatically mount sample quantity	8 pieces (inlaid mold diameter 30mm)
Maximum vacuum degree	-0.06MPa(-60KPa)
Pumping time	less than 1 minute
Mold	Suitable for molds of various shapes: diameter 20, 40, 50mm, or rectangular mold, or disposable mold
Vacuum chamber size	300Lx 300W x 300Hmm
Dimensions	Width X Depth X Height: 460X450X300mm
Power supply	220V, 50/60Hz, 200W
Weight	19kg

Standard configuration

Name	Quantity
Host	1 set
Instruction Manual	1 serving
Fast epoxy king	1 set