

HST-VMM-30 Vacuum Cold Mounting Machine



(machine picture for your reference)

Introduction

HST-VMM-30 vacuum cold mounting machine uses a high-strength vacuum chamber and built-in vacuum pump to eliminate the air in the sample and cold mounting material. The liquid mounting material fills the gaps in the sample and eliminates the gap between the sample and the mounting material. This achieves a tight bond between the specimen and the mounting material. Samples are also well protected and supported during grinding and polishing.

Feature

1. Quickly reach high vacuum (-60KPa)
2. Digital display of vacuum degree and automatic control. After reaching the set vacuum value, the automatic vacuum pump automatically stops. After the vacuum drops by a certain value, the vacuum pump automatically starts;
3. Large volume, transparent vacuum chamber;
4. Built-in vacuum pump, low noise, oil-free, pollution-free and maintenance-free
5. The mounted sample and mounting material can be vacuumed in advance;
6. Using the rotating cup holder in the vacuum container, multiple samples can be poured into the mold at one time in vacuum for vacuum mounting;
7. Special air release valve can implement multiple cycles of air extraction and air deflation inlay process.
8. Comes with a timer, which will automatically release the pressure after the inlay is completed.

Main Specifications

Name	Specification
Number of mounted samples	>10 pieces (for inlay molds with a diameter of 30mm)
Vacuum chamber size	300Lx 300W x 300Hmm
Maximum vacuum degree	-0.06MPa(-60KPa)
Pumping time	less than 1 minute
Mold	Suitable for molds of various shapes:
Dimensions	Diameter 20, 40, 50mm, or rectangular mold, or disposable mold
power supply	Vacuum chamber: 300Lx 300W x 300H mm
weight	Main chassis (including vacuum pump): L320×W300×H230mm

Standard configuration

Name	Quantity	Name	Quantity
Control box	1 set	Vacuum chamber	1 set
Vacuum tube	1	Epoxy king sample	1 set
Mold φ30	1	Disposable plastic cup	10
Vacuum sealant	1 bottle	Instruction Manual	1 serving

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