

▶ HST ZXQ-1T

Fully Automatic Metallographic Mounting Machine



◆ TECHNICAL PARAMETERS

Model	HST ZXQ-1T
Mold Specifications	Standard Ø30 (optional: Ø22, Ø45), custom sizes available
Effective Mold Depth	35mm
Heating Power	1000W
Force Application Method	Automatic mechanical pressurization
Temperature Setting Range	0-190°C
Hot-Sink Setting Range	0-99 minutes
Cooling Setting Range	Automatic water cooling
Cooling Method	Thermosetting
Suitable Inlay Materials	100 sets
Total Power	1200W
Dimensions and Weight	340*500*450cm,50kg
Package size and Gross weight	550*550*500mm,55kg
Power Supply	220V, 50Hz

◆ STANDARD CONFIGURATION

Name	Qty	Name	Qty
Ø30 mold assembly	1	Water inlet pipe	1
Inlay material (black)	1	Water outlet pipe	1
Feeding spoon	1	Technical documents	1
Funnel	1		



Metallographic products



Product details



Metallographic consumables

◆ PRODUCT FEATURES

- The METPRESS-1T fully automatic metallographic specimen mounting machine is used to mount small, irregularly shaped, and difficult-to-handle specimens using thermosetting materials. This process is an essential pre-process for polishing and grinding. Mounting uniformly stabilizes the specimen's dimensions, making it easier to handle or for subsequent fully automatic polishing and grinding (it can be used in conjunction with our automatic polishing machine for even better results). It is particularly suitable for specimens requiring edge protection or for automated polishing, where mounting is an essential process. It is an excellent choice for metallographic specimen mounting in metallographic laboratories in factories, universities, colleges, and research institutes.