

Metallographic Sample Mounting Press

Machida-1T



Application & Features

Machida-1T Automatic Metallographic Sample Mounting Press is used to mosaic small specimens, specimens in irregular shapes, or specimens which are not easy to take up - the preceding process before grinding and polishing metallographic or rock specimens. The mosaic operation serves to facilitate the grinding and polishing operations of the specimens and the routine observation of the composition of the material under the metallographic microscope. The machine is heated, and intensified with pressure automatically. After the formation of the specimen under pressure, it stops the operation and discharges the pressure also in automatical way. With another press of the knob, the machine automatically turns up the specimen, which may be taken away.

Main Specifications

Model	MACHIDA-1T
Diameter of Specimen	Ø 22mm, Ø 30mm, Ø 45mm
Cooling Method	Water Cooling
Heater	220V, 650W
Electric Power	1000W
Power Supply	Single Phase, 220V, 50Hz
Dimension	380 x 350 x 420mm
Weight	50kg

