

Manual Mounting Press

XQ-2B is used to do Metallographic Sample mounting for small, difficult-to-hold or irregular specimens for metallographic analysis.

It can facilitate polishing and watch properly the ideal material structure and measure the hardness of the material by hardness tester. The inserts for this machine are limited to thermo setting materials only.



Technical Parameters:

Model	XQ-2B
Sample Diameter	30mm (Optional 22mm, 45mm)
Heating Range	Max 190°C
Timer Range	0-30min
Heating Power	800W
Input Voltage	220V/50HZ/1Ph
Dimension	260mm x360mm x450mm
Net weight	35kg

Automatic Hot Mounting Press iPress-42A



iPress-42A automatic single head mounting press is an advanced hydraulic water-cooling equipment. The whole process of inlaying is controlled by program, realizing one button operation of the process of heating, loading, holding, cooling and unloading.

iPress-42A adopts the touch screen, easy for operation and no need for operation personnel on duty, automatically complete the sample inlaying. You can optionally choose one of $\Phi 22\text{mm}$, $\Phi 30\text{mm}$, $\Phi 45\text{mm}$ three mold specifications and do inlaying to meet the different requirements.

Technical Parameters:

Diameter	$\Phi 25\text{mm}, \Phi 30\text{mm}, \Phi 40\text{mm}$ (Choose one)
Cavity Height	140mm, effective 85mm, can make two samples at same time
Heating Power	$\Phi 25\text{mm}/\Phi 30\text{mm}$ 1.8kW; $\Phi 40\text{mm}$ 2.4kW
Pressure	50~200bar (The default is 150bar, equivalent to 15Mpa, 150kgf/cm ²)
Heating Temperature	50~180°C (The default is 120°C)
Heating Time	1~7min (The default is 3min30s)
Hold Time	30s~7min (The default is 1min)
Cooling Time	1~30min (The default is 2min)
Total Time	6min30s for two samples $\Phi 30\text{mm}$
Cooling Method	External water source cooling
Power Supply	AC220V, 50Hz, 10A
Dimensions/weight	530x510x480mm/60kg