



### **MODEL ZXQ-5 AUTOMATIC METALLOGRAPHY SPECIMEN MOUNTING PRESS**

Model ZXQ-5 automatic metallography specimen mounting press is a kind of full automatic mounting press, equipped with in-out water cooling system. It is suitable for the heat mounting (thermohardening & thermoplastic) for all kinds of materials. After the parameters such as heating temperature, heat preserving time and applied force etc. are set up, put the specimen and mounting material into the machine, close the cover and press the start button, then the machine will finish the job automatically. It is not necessary for the operator to be on duty. According to different requirements of the material, there are four kinds of moulds that can be chosen to meet the demands at will. Also it is available to prepare two pieces of specimens at the same time, the capacity is doubled.

#### **Technical specifications**

1. Diameter of specimen:  $\varnothing 25\text{mm}$ ,  $\varnothing 30\text{mm}$ ,  $\varnothing 40\text{mm}$ ,  $\varnothing 50\text{mm}$
2. Power supply: 220V, 50Hz
3. Max. power consumption: 1800W
4. Setting range of system pressure intensity: 0-2MPa  
(corresponding preparing pressure intensity: 0-72MPa)
5. Temperature setting range: 0-300°C
6. Heat preserving time: 0-99m99s
7. Dimensions: 615 × 510 × 500 cm
8. Net weight: 110Kg
9. Cooling method: water cooling



### **MODEL XQ-2B METALLOGRAPHY SPECIMEN MOUNTING PRESS (TIMER)**

Model XQ-2B Metallography specimen mounting press is suitable for the thermohardening plastic pressing of the small metallography specimen which is not idiomorphic or hard to take. After forming, it will be very easy to process the grinding, polishing of the specimen and it is also convenient to process measuring of metallographic structure under metallographic microscope. The machine may work stably under the following working condition:

- 1、 The temperature of surrounding medium can not be less than 10 °C and more than 40 °C;
- 2、 The relative humidity of air should be no more than 85% (20°C);
- 3、 There should be no obvious vibration source around;
- 4、 There should be no current conducting dust, explosive and corrosive air.

#### **Technical specifications**

1. Diameter of specimen: Ø22×15mm, Ø30×15mm, Ø45×18mm
2. Heater: 650W, 220V
3. Temperature adjusting range: 100-180°C
4. Control power supply: 220V 50Hz. The voltage fluctuation should

be no more than 15%.

5. Dimensions: 34 × 27 × 40 cm

6. Net weight: 33Kg