

# METALLOGRAPHIC SPECIMEN MOUNTING PRESS

[www.itokin2000.com](http://www.itokin2000.com)

## ZXQ-5B

AUTOMATIC



## Specification

Diameter of specimen: Ø25mm, Ø30mm, Ø40mm, Ø50mm

Cooling method: water cooling

Power supply: single phase, 220V, 50Hz

Heater: 1000W

Max. Power consumption: 1100W

Temperature setting range: 0-180 °C

Heat preserving time: 0-99m99s

Dimensions: 700mm x 380mm x 500mm

Weight: 45Kg



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## ZXQ-5B

**AUTOMATIC**

Model ZXQ-5B automatic metallographic specimen mounting press is a kind of full automatic mounting press, equipped with in-out water cooling system. It is suitable for the thermo-hardening plastic pressing of the small metallographic specimen which is not idiomorphic or hard to take. After the parameters such as heating temperature, heat preserving time 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. 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. It is the ideal sample preparing equipment to be used in factories, researching institutes and college laboratories.

The machine may work stably under the following working condition:

- The temperature of surrounding medium can't be less than 10 °C or more than 40 °C
- The relative humidity of air should be no more than 85% (20 °C)
- The voltage fluctuation should be no more than 15%
- There should be no obvious vibration source around
- There should be no current conducting dust, explosive and corrosive air.

### Features

- Microcomputer control, automatic Pre-heating, heating, applying pressure, cooling, etc.
- Water-forced cooling, quickly get the sample
- Large size touch screen LCD, graphical HMI for friendly and easy operation
- Two specimens can be prepared simultaneously
- Four kinds diameter moulds (Ø25mm, Ø30mm, Ø40mm, Ø50mm) are equipped and can be exchanged easily

