AXQ-100C Automatic metallographic specimen mounting press

Automatic metallographic specimen mounting press • Technical datasheet

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AXQ-100C Automatic metallographic specimen mounting press

The AXQ-100C belongs to an automatic mounting series intended for batch specimen preparation. An isolated mounting chamber is managed through programmed control of process conditions, including temperature and time. The machine supports hot mounting with thermosetting and thermoplastic materials. Mounting configurations in 25, 30 and 40 mm diameters can be selected according to the specimen and preparation requirements.

Specifications

Model	AXQ-100C
Machine body	Benchtop
Mounting chamber	Two isolated preparation chambers
Mounting method	automatic
Pressure loading and release	automatic (pneumatic)
Temperature control	automatic
Specimen lift	automatic (pneumatic)
Specimen size	Φ25mm/Φ30mm/Φ40mm
Control system	touchscreen
End of preparation	Automatic stop
Cooling method	Natural cooling
Heater specification	8000W*2
Temperature range	0-300°C
Pressure range	0-2MPA (specimen preparation pressure 0-72MPA)
Heating time	0-99 min (adjustable)
Air pressure	0.5-0.8 MPa
Control power supply	220V

Dimensions	460*410*500mm (L * W * H)
Net weight	35KG
Gross weight	45KG
Standard configuration	
Main unit	1 unit
Mounting mold	2 sets (inside main unit)
Mounting material	1 container (500mL)
Technical documents	1 set (manual, warranty card and inspection certificate)
Options	Air pump

Contact

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Compiled from published product information. Final configuration follows the technical agreement; confirm options, fixtures and scope with an application engineer.

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