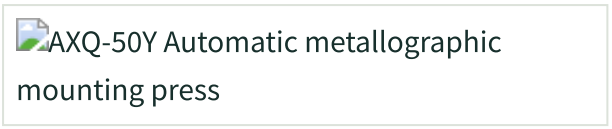
# AXQ-50Y Automatic metallographic mounting press

Automatic metallographic mounting press • Technical datasheet

Document: MC-DS-AXQ-50Y-EN • Generated: 2026-11-14




The AXQ-50Y uses an integrated floor-standing structure for metallographic specimen mounting. It supports thermosetting and thermoplastic mounting media, with programmed management of the heating, timing and cooling stages. Mounting sizes listed for the machine are 25, 30, 40 and 45 mm in diameter. A version with interchangeable steel mould sleeves is available as an option for changing the mounting size.

## Specifications

| | |
|---|---|
| **Model** | AXQ-50Y |
| **Machine body configuration** | Integrated floor-standing unit |
| **Mounting chamber** | Single preparation chamber |
| **Control system** | Color touchscreen, PLC control |
| **Mounting method** | automatic |
| **Pressure loading and release** | automatic (hydraulic ) |
| **Temperature control** | automatic |
| **Specimen lift** | automatic |
| **Cooling method** | Recirculating water cooling with automatic timing |
| **Mounting size** | Φ25mm/30mm/40mm/45mm/50mm (other sizes available to order) |
| **Heating power** | 1750W |
| **Temperature range** | Room temperature - 210°C |
| **Pressure time** | 0 - 99min (adjustable) |
| **Tank capacity** | 40L |
| **Power supply** | 220V |
| **Dimensions** | 700*560*1250mm (L * W * H) |
| **Net weight** | 90KG |
| **Gross weight** | 100KG |

| Standard configuration | |
|---|---|
| **Main unit** | 1 unit |
| **Cooling system** | 1 set |
| **Mounting mold** | 1 set (inside main unit) |
| **Feed funnel** | 1 units |
| **Mounting material** | 1 container (500ml) |
| **Power cable** | 1 piece |
| **Technical documents** | 1 set (manual, warranty card and inspection certificate) |


**Contact**

Phone: 400-8127-833 / +86-21-58391850

Email: shanghai@yr17.net

Address: No.1478 Nanfeng Highway, Fengxian District, Shanghai, China

Website: www.cnnoet.com


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



© 2026 MICROCRE