GX-40 UV curing mounting machine

UV curing mounting machine • Technical datasheet

Document: MC-DS-GX-40-EN • Generated: 2026-11-14



Specimens are placed in UV-transparent mounting moulds and surrounded with a suitable UV-curing resin. The GX-40 uses an LED-based illumination system to cure the resin and form a transparent mount. A cooling arrangement is incorporated for the curing and cooling process. This provides a light-curing route for preparing mounted metallographic specimens for subsequent handling and examination.

Specifications

Model	GX-40
Machine body	Benchtop
Mounting method	Light curing
Control system	Color touchscreen, PLC control
Power	Low / medium / high
Time	Adjustable
Cooling method	automatic
End of preparation	Automatic ejection
Maximum specimens	24 molds of Φ30mm; 15 molds of Φ40mm
Maximum specimen height	40mm
LED wavelength	365nm
Curing time	60 s (example using M789001 light-curing agent)
Curing temperature	70-90 °C (example using M789001 light-curing agent)
Control power supply	AC100-240 V，50/60 Hz
Machine dimensions	420*410*200mm (L * W * H)
Machine weight	16KG
Standard configuration	
Main unit	1 unit
UV light source	1 set

Mounting mold	White flexible silicone molds: 3 each of Φ30 mm and Φ40 mm
Mounting material	UV curing resin, 250 ml
Tools	1 each: stainless steel tweezers, measuring cup and funnel
Power cable	1 piece
Technical documents	1 set (manual, warranty card and inspection certificate)

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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