

UV CURING SYSTEM

PURPOSE ULTRA MINIATURE, LAB

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"Purpose Ultra Miniature, LAB" UV system is specifically designed for laboratory applications where compact size, precision, and controlled UV exposure are critical. The "ultra miniature" aspect is key to its purpose.

- Space Saving
- Precision and Control
- Targeted Curing/Exposure
- Quality Control & Analysis

The term "ultra miniature" strongly implies a very small form factor, likely designed to fit on a lab bench or inside a fume hood.

Physical Specifications

- Dimensions : 750 (L) x 340(D) x 880 (H) mm
- Form Factor : Desktop type, space-efficient
- Cooling : Forced air cooling system
- Construction : Durable housing with optional high-luminance aluminium reflector, cold mirror or hot mirror

Key Features

Feature	Description
Lab-Compatible Design	Compact, desktop-friendly size ideal for lab benches or cleanrooms
Lamp Flexibility	Supports medium/high-pressure UV lamps (Mercury, Metal Halide, Ozoneless)
Customizable Reflectors	Options include standard aluminum, high-luminance, cold mirror, hot mirror
Optional Filters & Meters	Add-on band-pass filter, speed meter, and lamp hour meter
Forced Air Cooling	Maintains stable operating temperature and lamp performance
Safe & Stable Output	Designed for uniform UV intensity and lab-safe operation
Optional Monitoring	Monitor curing conditions with speed/lamp meters (if installed)

Technical Specifications

Specification	Details
Power Supply	220VAC, 2P, 50/60Hz
Lamp Type Supported	Mercury, Metal Halide, Ozoneless lamps (medium/high pressure)
Cooling System	Forced air cooling
Optional Accessories	Band pass filter, speed meter, lamp hour meter
Reflector Types	Aluminum, high-luminance aluminum, cold mirror, hot mirror
System Dimensions	750 mm (L) × 340 mm (D) × 880 mm (H)
Form Factor	Desktop/Laboratory use
Use Case	Adhesive curing, lab testing, R&D, coatings, component bonding

**Specifications are subject to change without notice.*

Performance Highlights

- Stable, focused UV emission for small-scale curing
- Ideal for low-volume, high-precision applications
- Quick setup and easy integration into lab environments
- Maintains consistent UV output via reflector designs

Authorised distributor:

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