

Headquarters

AE Advanced Engineering
PO Box 282
M. 47, Nahalal 106000
Israel
Tel: +972-4-6042604
Fax: +972-4-6042607
e-mail: sales@eshal.com

Simple To Set Up and Operate

The UV-956-L uses ozone-free UV irradiation, making it operator and environmentally friendly. No special cooling facilities are required, making the UV-956-L fully portable and economic to operate.

UV LED Service Life Time Meter

The accumulated UV LED operating hours is displayed, indicating the correct UV LED replacement interval, thus helping to ensure repeatable UV curing results and simplifying maintenance monitoring.

Compact Desktop Design

A compact system, the UV-956-L does not require nitrogen or other special utility hookups, allowing for simple installation. Highly compact, use it anywhere. Just plug it in and start working.

Safe, Ozone-free UV Irradiation

The UV-956-L uses optimized UV irradiation for the UV curing process. AE UV LED do not require special cooling or exhaust systems to counteract ozone emissions. The UV-956-L provides a safe operating environment and economical utility requirements.

New UV LED Source

- **Intensity:** 3x the intensity of traditional sources. ($>40\text{mW/cm}^2$)
- **Life of Light Source:** 10x longer lifespan. ($>10,000$ hours)
- **Optimal Homogeneous Irradiation:** Ensures even curing across all surfaces.

Technical Specifications

Wafer/Frame size:	All standard sizes, up to 8"	
Effective UV wavelength:	365 nm	
Throughput:	100 frames/hr. •	
Timer:	Electronic, Resolution: 1 sec., max. period: 9,999 sec.	
Electrical utility:	110/220 Vac, 50/60 Hz, 600W	
Dimensions: Height (including cover clearance):	8" (H) x 19" (W) x 16" (D)	
	19.8 (H) x 48.5 (W) x 40.5 cm (D)	
	23"	
Weight:	44 lbs.	20 kg

- For silicon wafer, using UV tape requiring curing irradiation of 200 mJ/cm^2 .

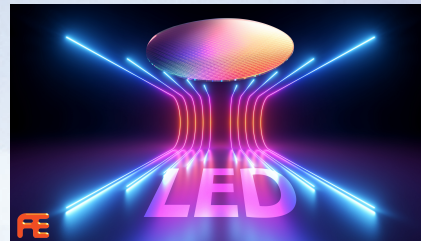
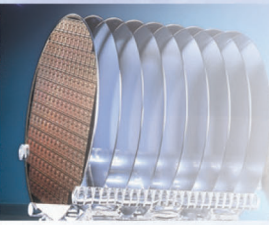
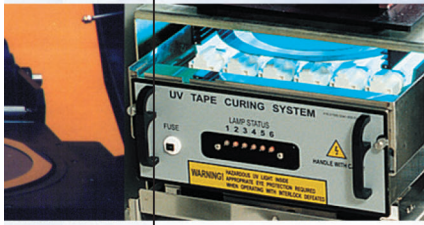
The Most Advanced System In Its Class

AE's UV-956-L Dosage Control UV Curing system incorporates sophisticated process monitoring for optimal UV curing processing. Providing secure process control and repeatable UV tape curing for single-frame processing, the UV-956-L digital control panel displays all process parameters online. The system handles all standard wafer/frame combinations up to 8" on its 300mm diameter UV irradiation window

Contact Information

E-mail: sales@eshal.com

Visit us on the web: www.eshal.com



■ UV-956-L Programmable Dosage Control UV Curing System – LED Unique High-Intensity UVA Light Source

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● Reliable and Accurate With Built-in Process Monitoring Displays

With the UV-956-L, system setup and operation have never been easier! Set the required UV dosage on the digital control panel and press Start. The UV-956-L automatically measures and displays the accumulated UV dosage (mJ/cm^2) on-line. When the required UV dosage is reached, the display flashes to signal the end of the process cycle.

● Multi-functional Digital Display

The UV-956-L operator interface is a multi-function Operation Panel with digital process cycle timer, UV irradiation intensity and UV LED service life displays. The desired UV dosage (mJ/cm^2) or irradiation time (seconds) is displayed on-line, as selected on the Operation Panel. When operated in UV Dosage mode, the UV irradiation intensity is monitored and the UV Dosage is displayed in real-time, for process quality assurance.

● UV-956-L Features-at-a-Glance

- Programmable UV Dosage Control for Process Optimization
- Multi-functional Digital Control Panel
- On-line System Function Display:
 - UV Curing Dosage/Time
 - UV source Status Indicator LEDs
 - UV Irradiation Intensity Meter
 - UV source Service Life Meter
- Compact, Tabletop Design
- Safe, Ozone-free UV Irradiation Source
- Processes All Standard Wafer/Frame Sizes, Up to 8".



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