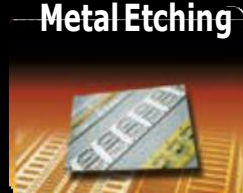
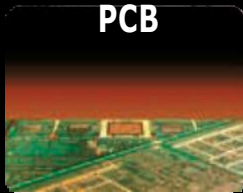


AFOSAie LEDLight™

Semi-Automatic UV Exposure Solution



Best Cost Performance Solution for Small & Medium Production

Resolution
15µm
(L/S)

Registration
±20µm
AW/Panel

Throughput
1500
Panels/day

High Savings
-80% Cost
of Ownership

AFOSAie LEDLight™

UV Led Source

Fully Intuitive & Friendly HMI

Easy Operating Quick Batch Change

Cost Saving UV Led Solution. No down time

Low Maintenance Cost



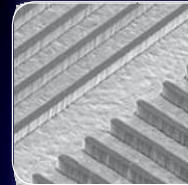
AFOSAie LEDLight™ Specifications

APPLICATION	PCB • FPC/Flex • Metal Etching • IC Substrate	
Process	Inner Layers	
Exposure area	Up to 610mm x 762mm • Up to 24"x30"	
Panel Thickness	0.05 to 4mm (optional up to 6mm) • 2 to 157mils (optional up to 236mils)	
RESOLUTION	15µm/15µm • 0.6mil/0.6mil ⁽¹⁾ (Line & Space)	
Light Engine	LedLight™	
Intensity	≥ 30mW/cm²	
Collimation	≤ 1.6°	
Declination	No Declination	
Uniformity	≥ 85% ⁽²⁾	
Exposure method	Soft or Hard contact with vacuum	
ALIGNMENT	±15µm • ±0.6mil for Top/Bottom Registration ±20µm • ±0.8mil for Artwork to Panel (holes or pads) ±5µm • ±0.2mil for Repeatability	
CCD Cameras	2 to 4 cameras	
Lighting	Special lighting for hole and pad detection	
THROUGHPUT	Up to 2 images/minute ⁽³⁾	
Batch change	Less than 3 minutes for Artworks & Settings change	
SOFTWARE	ALTIX SUITE with 15" touch screen Telemaintenance available	
Languages	All languages available: English, Simplified & Traditional Chinese, Korean, and more...	
HIGH YIELD		
Air cleanliness	Hepa filter class 100	
Features	No Artwork expansion with Led Source	
GENERAL UTILITIES		
Power Supply	220/400/480V • 3 Phases • 50/60Hz	
Power Consumption	3kW	
Air Supply	6~7 bars • 1.5m³/min	
Water Supply	No water supply required	
UV Source Cooling	Hot air extraction	
Machine Weight	1,600kg • 3,525lbs	
Dimensions	W: 1,640mm • 65" L: 2,500mm • 98" H: 2,125mm • 84"	

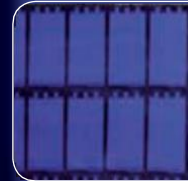
(1) depending on the process parameters • (2) the formula is Min/Max • (3) depending on the process



Best Cost-Performance efficiency with UV Led Solution



High Resolution: 15µm (L/S)



High Throughput: ≥ 1,500 panels/day



High Registration: ±15µm



Quick Batch change: ≤ 3 minutes



High Production Flexibility: Double batch function QTA, Samples, R&D

Local Sales & Service:



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The Birchcliffe Centre
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Tel. 01422 410449
Email: info@lmimaging.co.uk



www.altix.fr

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