

防焊半自動曝光機

C SUN

SEMI-AUTO S/M UV EXPOSURE SYSTEM



UVE-M865

防焊半自動 **平行光** 曝光機

Semi-Auto Collimated S/M UV Exposure System



UVE-M765

防焊半自動 **散射光** 曝光機

Semi-Auto Scattered S/M UV Exposure System

機台特點

- 4組 CCD 自動對位
- 強化設計玻璃與台框
- 高速、高產能
- 高曝光照度
- 4CCD, auto-alignment
- Enhanced glass and frame
- High speed, high capacity
- High exposure intensity
- 曝光均勻度 85% 以上
- 高精準對位平台結構，對位精度 $3\sigma < 10\mu\text{m}$
- 徹底解決底片與板子局部漲縮造成對位不準的問題
- 對照式光閘設計，高安全性
- Exposure uniformity $\geq 85\%$
- High accuracy alignment structure, alignment precision $3\sigma < 10\mu\text{m}$
- Completely solve the thermal expansion and contraction causing the film and board misalignment.
- Face to face shutter, high security.

另有 **24x30" 大排板** 大排板系列機型：**UVE-M865L**、**UVE-M765L**

Leading in Thermal and UV Light Processing Equipment



UVE-M865 平行光 Collimated

UVE-M765 散射光 Scattered

適用範圍 Panel Dimension	Panel sizes : 305 × 356mm ~ 558 × 635mm (12"×14" ~ 22"×25") Thickness : 0.1mm ~ 3.2mm Artwork dimensions : 24" × 27"	
光源系統 UV System	Light source : Collimated 10KW x 1 pc (Mercury-xenon short arc lamp) Uniformity: > 85% Intensity: > 55 mw/cm ² (measure on glass) Cooling system: Indirect cooling air	Light source : Metal Halide UV lamp 10KW x 1 pc Uniformity: ≥ 85% Intensity: ≥ 90 mw/cm ² (measure on glass) Cooling system: Indirect water cooling
曝光方式 Exposure Method	Single side exposure with two exposure drawers Glass vs metal frame Effective area: 558 x 635mm (22" x 25")	
控制系統 System Control Features	PC + PLC with LCD touch screen	
對位系統 Alignment System	CCD Quantity: 4 CCD alignment system CCD transfer : Auto Panel alignment : Auto	
操作方式 Operation Mode	Attachment method: Φ3mm Pin Artwork attachment: Vacuum system Alignment accuracy: Auto alignment ±10µm	
產能 Capacity	1.2 ~ 1.5 panel/min	1.2 ~ 1.5 panel/min
環境要求 Clean Room	Clean room CLASS 10000 at 0.5µm TEMP 22°C ±2°C 55% ±5%RH	Clean room TEMP 22°C ±2°C 55% ±5%RH
機台外型 Dimension	W1545 × D3522 × H2396.5 mm	W1545 × D3362 × H2396.5 mm
公用設備 Utilities	Power : 24KVA : 3Φ4W(220V/100A : 380V/60A) (various power available) Compressed Air : >6Kg/cm ² , 200~250 L/min Φ12 Fitting Chilled water system : temp <24°C water inlet / outlet 1" PT waste water draining 3/4" P 60L/min	Power : 24KVA : 3Φ4W(220V/75A : 380V/50A) (various power available) Compressed Air : 6Kg/cm ² , 200-250L/min, Ø12 Fitting External water system : Water Inlet/outlet 1-1/4"PT waste water draining 3/4"PT 10 Ton cooling tower : Temp. 20~30°C : 120L/min 5 Ton chiller : Temp. 7-11°C : 60L/min

Due to C SUN continuing efforts to improve their systems, these specifications are subject to change without notice.
 受長期研發需要，本公司保有規格修改之權利，恕不另行通知

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