

# 連續式電漿清洗機

**csun**

In-line Plasma Treatment System

**PRCM-SC10LU**



## 機台特點 Characteristics

- 腔體內特殊流場設計提高電漿均勻性  
Special gas flow design in chamber enhance plasma uniformity.
- 荷重感應器設計，避免產品毀損  
Load cell equipped to avoid product damage.
- 4列軌道同步清洗設計，有效提升UPH  
4 lines cleaning in parallel, efficient improve UPH
- 適用廣泛Lead frame尺寸，輕鬆切換即可對應不同尺寸產品  
Suitable for a wide range of Lead frame sizes, easily switchable to accommodate different product sizes.
- 可搭配Loader及unloader單站使用，亦可連線搭配前後站機台  
Can be used as a standalone unit with a loader and unloader, or connected in-line with upstream and downstream machines.



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**Leading in Thermal and UV Light Processing Equipment**

## PRCM-SC10LU 連續式電漿清洗機

設備電力規格 Power	220V 3φ 50/60 Hz 18.3 kVA
腔體材質 Material of chamber	Aluminum alloy
腔體內部尺寸 Interior chamber ( mm )	W 400mm x D 585mm x H 110mm
傳送軌道 Conveyor	4 lines
適用產品尺寸 Applicable product size	Weight : 58~100mm Lenght : 150~300mm
電漿源 Plasma source	CCP mode
射頻電源電力規格 Generator power	13.56 MHz, 1kW
製程氣體 Process gas	Ar、O <sub>2</sub> 、Mixture ( Max. 4 gas lines )
氣體流量控制 Gas flow control	MFC (±1% of set point) 註: 流量設定≥全流量40%, 控制精度為±1% of set point, <40%時控制精度為±0.4% of full scale Note: Control accuracy ±1% of set point when flow rate ≥40%, control accuracy ±0.4% of full scale when flow rate <40%
泵浦規格 Standard pump	Dry pump, pumping speed >90 cfm @60 Hz
製程壓力計 Pressure gauge	Capacitive pressure sensor
控制系統 Control system	PLC / 10 inch touch panel 19.5 inch TFT panel / PC / Windows 10 (if equentment with SECS/GEM)
設備尺寸 Dimension	W2200mm x D1500mm x H2200mm
每小時產出 Unit pre hour	480 Strips ( @5 sec plasma time )
規範 Cimpliance	SEMI S2-01, SEMI S8-01, SECS/GEM

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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## 應用 Applications

1. 焊線、模壓、黏晶、覆晶填膠等封裝製程前的表面改質  
Surface modification before wire bonding, molding, mounting, flip chip filling and other packaging process.
2. 集成電路鍵合前表面清潔  
Surface cleaning before IC bonding.
3. LED封裝前表面活化和清潔  
Surface activation and cleaning before LED packaging.
4. 觸控模組膠合前的表面活化和清潔  
Surface activation and cleaning before TP module lamination.
5. 攝像頭模組、指紋辨識模組表面清潔  
Surface cleaning of CCD module and fingerprint identification module.
6. 其他電子材料表面活化和清潔  
Surface activation and cleaning of other electronic materials.

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