



MOTION CONTROL TECHNOLOGY

UF SERIES

Small is smart / Small is beauty / Miniature brings infinity

採用僅 12 mm 超薄模組化設計，可實現高密度並列配置，在有限空間內大幅提升晶片取放密度與設備產能。Z 軸搭載線性馬達直驅技術，具備高速響應、平順推力輸出與高可靠度；選配 θ 旋轉軸，可實現精密角度校正與對位。內建力感測器，支援即時力量回授、精密接觸控制與 Soft Landing，特別適合多頭 Pick & Place 及高密度半導體自動化設備整合。



SPECIFICATION

UF-series	Stage Specifications
重量 (g)	400
厚度 (mm)	12
工作電壓 (Vdc)	24
Z軸最大速度 (mm/s)	300
Z軸最大行程 (mm)	30
Z軸重複定位精度 (mm)	+/- 0.001
θ 軸最大轉速 (rpm)	700
θ 軸重複定位精度 (degree)	+/- 0.05

APPLICATION

- 半導體晶片精密取放
- 高密度晶粒搬運
- 晶圓級搬運與分選
- IC 檢測與測試
- 先進封裝/晶粒接合
- 精密元件組裝

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