



PLM 200Rx

200mm Reticle SMIF Pod Opener

Features

- Small footprint saves valuable FAB floor space
- ISO Class 1 cleanliness with active self-clean air flow design.
- Opens Standard E100 RSP and EUV E152 Outer Pods Door
- Lifts the Pod shell leaving the Reticles in a sealed mini-environment
- Access to Reticles for Automatic load and unloading
- Applies 80N Force to E152 Pod doors during opening and Closing.
- Info Pad Sensor to detect Pod Type
- All electrical system with field programmable application software
- Four programmable Interlock signals
- Reticle Present Sensor (E100 SMIF Pods)
- Inner Pod Present Sensor (E152 EUV SMIF Pods)
- Pellicle Present and Orientation sensor (for E100 Smif Pods)
- Meets SEMI E19.4, E100, E152, E117, S2 and S8 standards and CE certified
- Mounts directly into a process Tool or to a manual load port adaptor to convert open station to a SMIF compatible station.
- Optional RFID reader/writer
- Optional IR reader/writer



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Specifications:

Reticle size	152mm W x 152mm D x 6.35mm H
Dimension	467W x 460D x 770H mm
Elevator Stroke	210 mm
Load capacity	5.4kg
Pod Types	SEMI E100 Single RSP SEMI E152 EUV SMIF Pod
Pod interface	SEMI E19.4
Power requirement	100V/240VAC @ 1Amp 50/60Hz Or 24 VDC
Weight	43.5kg without Pod
Open Pod	< 12 seconds
Close Pod	< 12 seconds
MCBF	50,000 cycles
MTTR	< 1 hour
Communication	Parallel and/or Serial
Communication (Optional)	EIA-RS232C(SECS I/II)
ID device(Optional)	RFID module or IR Link
Operation	Local operation or Host comm

Specifications are subject to change without prior notice



PLM 200Rx on SEMI E63 bolts-M interface load port Adaptor in Reticle Sorter.



USA

Address: 2220 O'Toole Avenue, San Jose CA 95131
TEL: 408-734-9311 FAX: 408-734-4299

China

Address: No. 555 Wanfang Rd, Minhang District, Shanghai P. R. China 201112
TEL: 021-3478-6210

Taiwan

Address: No. 3, Ln. 61, Sec. 6, Jhonghua Road, Hsinchu City 30095
TEL: 03-518-1250 FAX: 03-518-1350