

PLM 150Rx



150mm Reticle SMIF Pod Opener

Features

- Small footprint saves valuable FAB floor space
- ISO Class 1 cleanliness with active self-clean air flow design.
- Supports Multiple and Single SMIF 150 pods
- Lifts the Pod shell leaving the Reticles in a sealed mini-environment
- All electrical system with field programmable application software
- Four programmable Interlock signals
- Pod Present Sensors
- Mask Mapping Sensor
- Protrusion sensor
- Meets SEMI E19.3, E111, E112, 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 version with integral RFID reader/writer
- Optional version with integral IR reader/writer



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 E111 Single RSP SEMI E112 Multiple RSP
Pod interface	SEMI E19.3
Power requirement	100V/240VAC @ 1Amp 50/60Hz Or 24 VDC (Option)
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/Ethernet
Communication (Optional)	EIA-RS232C(SECS I/II)
ID device (Optional)	RFID module or IR Link
Operation	Local operation or Host comm



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