



PLM 200W

200mm Wafer SMIF Pod Opener

Features

- *Small footprint saves valuable FAB floor space*
- *ISO Class 1 cleanliness with active self-clean air flow design.*
- *Lifts the Pod shell leaving the Wafer Cassette in a sealed mini-environment*
- *All electrical system with field programmable application software*
- *Four programmable Interlock signals*
- *Wafer Cassette Present Sensor*
- *Wafer Protrusion Sensor*
- *Pod Present Sensor*
- *Wafer Mapping Sensor (Present, Cross Slot)*
- *Meets SEMI E19.4, S2 and S8 standards and CE certified*
- *Mounts directly into a process Tool or to a manual load port adaptor (300mm Bolts interface to SEMI E63) to convert open station to a SMIF compatible station.*
- *Optional RFID reader/writer*
- *Optional IR reader/writer*
- *Optional: SEMI E84 hand-off*



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Specifications:

Wafer size	200mm
Dimension	363W x 420D x 700H mm
Elevator Stroke	240 mm
Load capacity	5.4kg
Pod interface	SEMI E19.4
Power requirement	110V/220V 3A/1.4A 50/60Hz (24 VDC Optional)
Weight	23kg without Pod
Open Pod	< 12 seconds
Close Pod	< 10 seconds
MCBF	50,000 cycles
MTTR	< 1 hour
Communication	Parallel and/or Serial
Communication (Optional)	EIA-RS232C(SECS I/II)
ID device(Optional)	RF ID module or IR Link
Operation	Local operation or Host comm



PLM 200W on 300mm bolts (SEMI E63) interface load port Adaptor

Fortrend - USA
 2220 O'Toole Avenue,
 San Jose, California 95131
 Phone (408) 734-9311
 Fax (408) 734-4299
www.fortrend.com
 E-Mail: Sales@Fortrend.com

Fortrend-Taiwan
 No.3, Ln. 61, Sec.6, Jhonghua Rd,
 Hsinchu city 300, Taiwan
 Tel: (886) 3-518-1250
 Fax: (886) 3-518-1350
 台灣富創得工程股份有限公司
 新竹市中華路六段 61 巷 3 號
 Email: sales@fortrend.com.tw

Fortrend-China
Shanghai Han's Fortrend Technologies Ltd
 No. 555 Wanfang Rd,
 Minhang District, Shanghai
 P.R. China 201112
 Tel: (86) 137-0401-3515
 Email: Sales@fortrend.com.cn

EUROPEAN SALES: Sitem Technology Limited, Grafton Suite, Caswell Science & Technology Park,
 Towcester, Northamptonshire, NN12 8EQ. UK. Tel: +44 1327 317621. www.sistemtechnology.com