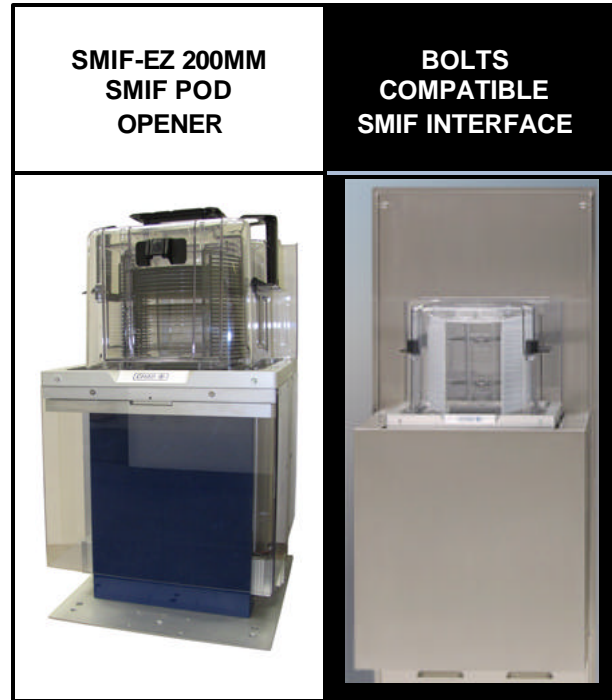


CHAD **SMIF-EZ**TM

Automated 200mm SMIF Presentation

The **CHAD SMIF-EZ** is the latest product offering in CHAD's 200mm SMIF pod opener line, designed for use on CHAD Flexible Front Ends and for OEM integration. Utilizing a single, centrally mounted lead screw, the **SMIF-EZ** has smooth motion and eliminates the binding / hunting possible in dual screw / motor designs. Designed for a compact footprint with CE/Semi compliance, the **CHAD SMIF-EZ** provides an economical, high performance solution to contamination control for 200mm systems. Featuring adjustment free pod lock mechanisms, an optimized stepper motor drive and a modular build/test design, the **CHAD SMIF-EZ** provides the integration solution for today's leading edge 200mm wafer processing systems.



FEATURES

- BOLTS Compatible
- Single, Centrally Mounted Motor and Ball Screw
- Optional Wafer Protrusion Detection
- Optional Copper Interlock Pin
- Hard Stop Pod Lock Mechanisms
- Modular Configuration with Major Module Field Replaceable Items
- Minimum Air Pressure Interlock

<u>SPECIFICATIONS</u>	Power Requirements	Compliance
Cycle Times	24 VDC	SEMI S2-pending
Open Pod < 8 secs	CDA Requirements	SEMI E19.4-pending
Close Pod < 5 secs	60-90 PSI	CE Certified-pending
Wafer Size	413-620 Kilopascals	Weight
200mm	Reliability	54 pounds
Cleanliness Compatibility	>500,000 cycles	24.5 Kg
ISO Class 2	Sensors	Size
Communication Interface	Pod Present	Width 340mm
RS-485, manual, parallel	Pod Latched / Unlatched	Depth 332mm
	Pod Locked / Unlocked	Height Open* 841mm
		Height Close* 620mm
		* Max height (Plexiglas shield)

FOR MORE INFORMATION:

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