



PTW ASIA PTE LTD

Tokyo Electron Ltd. PR300Z Batch Wafer Processing	
Manufacturer	Tokyo Electron Ltd.
Model	PR300Z
Product Description	Batch Wafer Processing
Year of Manufacture	2007
Serial Number	K071042
Wafer Size	300mm
System Configuration	<ul style="list-style-type: none"> • Main system • Transfer Module • Chamber Module • Chemical Module • CO2 Fire Suppression System Terminal Box • CO2 Injection Unit
General Function	
Wafer standard (SEMI M8-0301)	
Type	Notch
Thickness	775± 25 um
Diameter	300 ± 0.20 mm
Wafer Pitch	
Wafer Process	10 mm (for wafer process)
Wafer Transfer	10 mm (for wafer transfer)
Number of wafers	
Wafer Process	1-25
Wafer Transfer	1-25
FOUP Type	Customer Specification (Must comply to SEMI E47.1)
Chemical supply	
Signal type	<ul style="list-style-type: none"> • Tank 1(Main body): EKC265- Polymer Removal • Tank 2 (Main body): IPA- Rinse • Dry IPA Tank (Main body): IPA- Dry

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Load ports	
Load port category	BOLTS/M
Number of Port	2 Ports (Uni-POD)
Model	SELOP12F25-401 (SHINKO ELECTRIC)
Standard	SEMI E15.4/ SEMI E57/ SEMI E63
* FOUP slide actuator and FOUP cramping actuator are separated.	
FOUP ID Reader	
Barcode Reader	BL-601HASO(7112) (KEYENCE)
Inner Chamber	
Structure	Slide chamber
Shape	Cylinder shape and drain ditch
Chamber Material:	PTFE and PFA (Chemical liquid contact parts)
Case Material	A5052(Aluminum) + PFA coating
Number of Drain Pipe	2 pipes
Drain Pipe Material	PTFE + PFA (Chemical liquid contact parts)
Outer Chamber	
Structure	Fixed Chamber
Shape	Cone shape (Taper angle 5o)
Chamber Material	SUS304 + PFA + conductor coating
Number of Drain Pipe	1 pipe
Drain Pipe Material	PTFE + PFA
Tank1 Chemical type	
Chemical	EKC265 (12-14L/min,65deg)
Process temperature	65 oC
Temp. setting range	25~80oC
Tank2 Chemical type	
Chemical	Rinse IPA(14-16L/min,25deg)
Process temperature	Ambient
DRY IPA Tank Chemical type	
Chemical	IPA
Process temperature	Ambient
DIW Inner	N/A
DIW Outer(50L/min,25deg)	
DIW= CO2 injection , resistivity <1M?	
Rotation: 0~800rpm	
Tool Damage/Missing Parts:	
None report, please inspect tool to reconfirm	
Dry pumps are not included with tool sales	

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All Equipment is offered subject to prior sale. This item will be quoted based upon specific terms and configuration required. Interested parties may contact PTW Asia Pte Ltd at: ask@ptwsingapore.com

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