

AMAT MIRRA MESA CONFIGURATION

System configuration	Preferred system configuration
General information	**Selected Option**
Technology	Oxide/STI/WCMP/CUCMP
Platform Type	Mirra Mesa
Wafer Specification	**Selected Option**
Wafer Size	200mm
Wafer Shape	Notch Type

System Information	**Selected Option**
Application	Oxide/STI/WCMP/CUCMP
System	DRY IN-DRY OUT
Process Type	All Process
Cleaner Type	Mesa
Wet Robot Type	Standard Refurbished
Wet Queue Tank	Optional
System Skins	Options: Clear Skins / Dark Skins
Load Cup Cassette Type	Full Contact HCLU, Overhauled 8 inch
Performance Enhancement Options	**Selected Option**
Daily PM Reduction Kit (Clean Kit)	Optional
Pad Conditioner Head1~3	DDF3
Pad Conditioner Disk Holder	Universal, Screw type
Pad Conditioner Sweep Hard Stop	Yes
Pad Conditioner retrofit	Options: Cylinder type / LK DDF3 / Normal DDF3
Pad Conditioner Gear Assembly Overhaul	Yes
Waterfall Spray Cleaning System	Optional

Factory Interface Options	Selected Option
Platen 1 ISRM	Full Scan ISRM
Platen 2 ISRM	Full Scan ISRM
Platen 3 ISRM	Full Scan ISRM
In Line Metrology	NA
SECS GEM Interface	Yes
High Speed Messag ng System (HSMS)	Optional
Installation Type	Options: Ergo Loader / SMIF (Indexer)
Integrated System Basic FABS	Yes (FFU included)
FABS Robot Blade	YES, OEM new or overhauled
Cassette Tank	Optional
Factory Automation	Yes
Polisher Options	**Selected Option**
Polishing Head (Head1~4)	TITAN 1
Upper Pneumatics Assembly (UPA)	TITAN1 UPA
UPA Location	Options: Internal Polisher or External Relocated
Pad Wafer Loss Sensor	Options: Single Sensor / Dual Sensor
Platen Temperature Control	No
Platen Temp Control Cable	No
Upper Platen Coating	Teflon Coating
Platen Gear Assembly Overhaul	Yes, Greaseless Type
Slurry Delivery Options	**Selected Option**
Slurry Delivery	3 Slurries
Slurry Flow Rate	Standard Flow
Slurry Flow Controller (CLC)	Options: Peristaltic Pump / Malema CLC / Tokyo Keiso CLC
Slurry Pump Head	Yes (Not Applicable if CLC model is chosen)
Slurry Containment Bulkhead	Double Containment
Slurry Facilities	None
Slurry Loop Line	No
Slurry Loop Line A	Slurry (PL1, PL2, PL3)
Slurry Loop Line B	Optional
Slurry Loop Line C	Optional
Slurry Dispense Arm	Standard Length Platen1~3
	High Pressure Rinse
Slurry Leak Detector	Yes
Cleaner Plumbing	Not Applicable
DI Water	Standard

Slurry Tube	Yes
Slurry Filter & Housing	Optional
Slip Out Sensor Slurry Cover Per Head	Yes
FACILITIES OPTIONS	
System Safety	**Selected Option**
EMO Guard Ring	Yes
EMO IO	No
System Labels	English
System User Labels	English
LOTO Box	NO
Smoke Detector	Yes
Polisher Slurry Leak Sensor	Yes
Electrical Requirements	**Selected Option**
Line Frequency	50 HZ
Line Voltage	200/208 VAC
Uninterruptible Power Supply	None
Power Lamp	Green Lamp
Power Connected Lamp	No
Circuit Breaker	200A
Controller Top Panel	Holes Punched Out for AC Power Cables Entry
Configurable IO	No
GFI Type	Standard 30mA
Isolation Transformer	No
Umbilical's	**Selected Option**
CAT Track Style	Cascading / Water Fall
Polisher to Controller Cable	Standard 50ft
Controller to Monitor Cable	Standard
Slurry System Interface Cable	None
Factory Hookup	**Selected Option**
Upper Exhaust	Standard
Upper Exhaust Material	Stainless Steel
Lower Exhaust	None
Process Exhaust Vent Interlock Sensor	Yes
Upper Exhaust Connection	No Flange
Drain Manifold	Options: 1 Line or 4 Lines to Facilities
Drain Adapter	NPT Fittings
Internal Vacuum Venturi	Yes

OPERATOR INTERFACE OPTIONS	
Operating Hardware & Software	**Selected Option**
Hard Disk	Dual Harddisk
Memory	128M or above
CPU	PIII CPU or above
Fabs Software	Fabs Daemon 1.35
Operating System	Windows NT 4.00.1381 or above
Software Version	MB60a1 or above
Endpoint	IB11h8
Cleaner Software	2.3.8
User Interface	**Selected Option**
Monitor Selection	1 FPD
Monitor 1 Location	Front FPD On Cart
Mouse or Trackball	Mouse (include keyboard)
Start Stop Button	Controller
Light Towers Selection	Polisher and Controller
Polisher Light Tower	**Selected Option**
Polisher Tower Mounting Type	Pole Mounted
Polisher Tower No of Colors	3 Color
Polisher Tower Lamp Type	Incandescent
Polisher Tower Colors Sequence	RYG
Controller Light Tower	**Selected Option**
Controller Tower Mounting Type	Pole Mounted
Controller Tower No of Colors	3 Color
Controller Tower Lamp Type	Incandescent
Controller Colors Sequence	RYG
MESA CLEANER	
Cleaner Options	**Selected Option**
Walking Beam Assembly	Yes
Input Station	Yes
Megasonic	**Selected Option**
Delivery Tank	Megasonics
Megasonics Delivery Type	Pressurized
Chemical A	Yes
Chemical B	Yes
Brush Module	**Selected Option**
Brush 1 Delivery Type	Options: Pressurized Feed / Direct Feed
Brush 1 Chemical	Yes

Brush 2 Delivery Type	Options: Pressurized Feed / Direct Feed
Brush 2 Chemical	Yes
SRD station	**Selected Option**
Heater Lamp	Yes
SRD Exhaust and Drain Lines	Single
Output Station	Yes
Upper Electronics Box	Yes