



AMAT ENDURA MOCVD

(Vintage : 2000)

2019.08.28



AMAT ENDURA MOCVD 150mm

Model	AMAT ENDURA MOCVD
Wafer Size	6"
Vintage	2000
Condition	ASIS(Good Condition)
S/N	-
AC Rack Type	480V AC/ 3 Phase
Load Lock CH	
LLC Body Type	Narrow Body
Indexer Unit	Indexer W/O Rotation
Wafer Mapping	Yes
CH Vent	Slow / Fast Vent
Wafer Slide Out Detecer	No

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Buffer CH	
Robot Unit	HP
Blade Type	Metal (Missing)
Upper Motor	Yes
Lower Motor	Yes
Gate Valve	Yes (2 Pcs)
Cryo Pump	3 Phase
Wafer Sensor	7
Transfer CH	
Robot Unit	HP
Blade Type	Metal (Missing)

Transfer CH	
Upper Motor	Yes
Lower Motor	Yes
Gate Valve	Yes (2 Pcs)
Cryo Pump	3 Phase
Wafer Sensor	6
CH A (Pass Through)	
Lid Type	Clear Plastic
Wafer Lift	Yes
Wafer Lift Hoop	Yes
TC Monitor	No

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CH B (Cool Down)	
Lid Type	Clear Plastic
Wafer Lift	Yes
Wafer Lift Hoop	Yes
TC Monitor	No
CH E (Orient Degas)	
Degas Lamp Module	Yes
Wafer Lift	Yes
Wafer Lift Hoop	Yes
Wafer Chuck	Yes
Orient Controller PCB	Yes

CH E (Orient Degas)	
Laser Tub	Missing
Laser CCD Array PCB	Yes
TC	No
TC Amp	No
CH F (Orient Degas)	
Degas Lamp Module	Yes
Wafer Lift	Yes
Wafer Lift Hoop	Yes
Wafer Chuck	Yes
Orient Controller PCB	Yes

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CH F (Orient Degas)	
Laser Tub	Missing
Laser CCD Array PCB	Yes
TC	Yes
TC Amp	Yes
CH D (Blank)	
CH 1 (Wide Body)	
Source Assy	11.3" Source
Source Bracket Kit	X1
Adaptor Plate	Coh Ti Adaptor
Wafer Lift	Clamp

CH 1 (PVD Wide Body)	
Heater	Clamp
Heater Water Box	Clamp
Manometer	MKS 100mT
Ar Backside	Yes
Gate Valve	2 Pcs
Ion Gauge	Yes
Shutter Option	X1 (Missing)
Cryo Pump	3 Phase
Heater Type	Clamp Type (Missing)
Chamber Harness	Yes

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CH 1 (PVD Wide Body)	
Chamber Inter Connect PCB	Yes
Chamber Process Gas Line	Yes
Chamber Vent Line	Yes
Chamber Source Wafer Manifold	Yes
Chamber Pnumatic 1/8 Poly Line Set	Yes
Gas Panel Assy	
MFC	STEC 4400 * 3
MFC Down Steam Valve	Yes

Gas Panel Assy	
Manual Shut Off Valve	Yes
MFC Control Cable	Yes
MFC Inter-Connect PCB	Yes
CH 2 (Wide Body)	
Source Assy	11.3"
Source Bracket Kit	X1
Adaptor Plate	WB to STD 13" Source
Wafer Lift	Clamp
Heater	Clamp

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CH 2 (PVD Wide Body)	
Heater Water Box	Clamp
Manometer	MKS 100mT
Ar Backside	Yes
Gate Valve	2 Pcs
Ion Gauge	Yes
Shutter Option	X1 (Missing)
Cryo Pump	3 Phase (Missing)
Heater Type	Clamp Type
Chamber Harness	Yes
Chamber Inter Connect PCB	Yes

CH 2 (PVD Wide Body)	
Chamber Process Gas Line	Yes
Chamber Vent Line	Yes
Chamber Source Wafer Manifold	Yes
Chamber Pnumatic 1/8 Poly Line Set	Yes
Gas Panel Assy	
MFC	STEC 4400 * 3
MFC Down Steam Valve	Yes
Manual Shut Off Valve	Yes

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Gas Panel Assy	
MFC Control Cable	Yes
MFC Inter-Connect PCB	Yes
CH 3 (PVD Wide Body)	
Source Assy	11.3"
Source Bracket Kit	X1
Adaptor Plate	WB to STD 13" Source
Wafer Lift	Clamp
Heater	Clamp
Heater Water Box	Clamp

CH 3 (PVD Wide Body)	
Manometer	MKS 100mT
Convectron Gauge	Yes
Ar Backside	Yes
Gate Valve	3 PVD
Ion Gauge	Yes
Shutter Option	X1 (Missing)
Cryo Pump	3 Phase
Heater Type	Yes
Chamber Harness	Yes

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CH 3 (PVD Wide Body)	
Chamber Inter Connect PCB	Yes
Chamber Process Gas Line	Yes
Chamber Vent Line	Yes
Chamber Source Wafer Manifold	Yes
Chamber Pnumatic 1/8 Poly Line Set	Yes
Gas Panel Assy	
MFC	STEC 4400 * 3
MFC Down Steam Valve	Yes

Gas Panel Assy	
Manual Shut Off Valve	Yes
MFC Control Cable	Yes
MFC Inter-Connect PCB	Yes
CH 4 (PVD Wide Body)	
Source Assy	11.3"
Source Bracket Kit	X1
Adaptor Plate	WB to STD 13" Source
Wafer Lift	Clamp

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CH 3 (PVD Wide Body)	
Heater	Clamp
Heater Water Box	Clamp
Manometer	MKS 100mT
Convectron Gauge	Yes
Ar Backside	Yes
Gate Valve	3 PVD
Ion Gauge	Yes
Shutter Option	X1 (Missing)
Cryo Pump	3 Phase

CH 3 (PVD Wide Body)	
Heater Type	Yes
Chamber Harness	Yes
Chamber Inter Connect PCB	Yes
Chamber Process Gas Line	Yes
Chamber Vent Line	Yes
Chamber Source Wafer Manifold	Yes
Chamber Pnumatic 1/8 Poly Line Set	Yes

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Gas Panel Assy	
MFC	STEC 4400 * 3
MFC Down Steam Valve	Yes
Manual Shut Off Valve	Yes
MFC Control Cable	Yes
MFC Inter-Connect PCB	Yes
CH 5 (Blank)	
CH C (PC II Etch)	
Resenator	Yes

CH C (PC II Etch)	
Pedestal Lift	Yes
MKS Manometer	Yes
Convectron Gauge	Yes
Ion Gauge	Yes
Turbo Pump	Yes
Wafer Lift	Yes
RF Match	Yes
Process Kit	Yes

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Gas Panel Assy	
MFC	STEC 4400 * 2
MFC Down Steam Valve	Yes
Manual Shut Off Valve	Yes
MFC Control Cable	Yes
MFC Inter-Connect PCB	Yes
CH D (Blank)	
Sub-Module	
Cryo Compressor	CTI9600 * 2

Sub-Module	
Cryo 3 Phase Controller	X2
Neslab Chiller	Neslab III * 1
Vacuum Pump	
System Pump	BOC QDP 40
PC II Pump	QDP40 + MB250
System Rack (VEM Rack : 21 Slot VME)	
SBC	1
Video	1
SEI	1
DIO	12
AI	1

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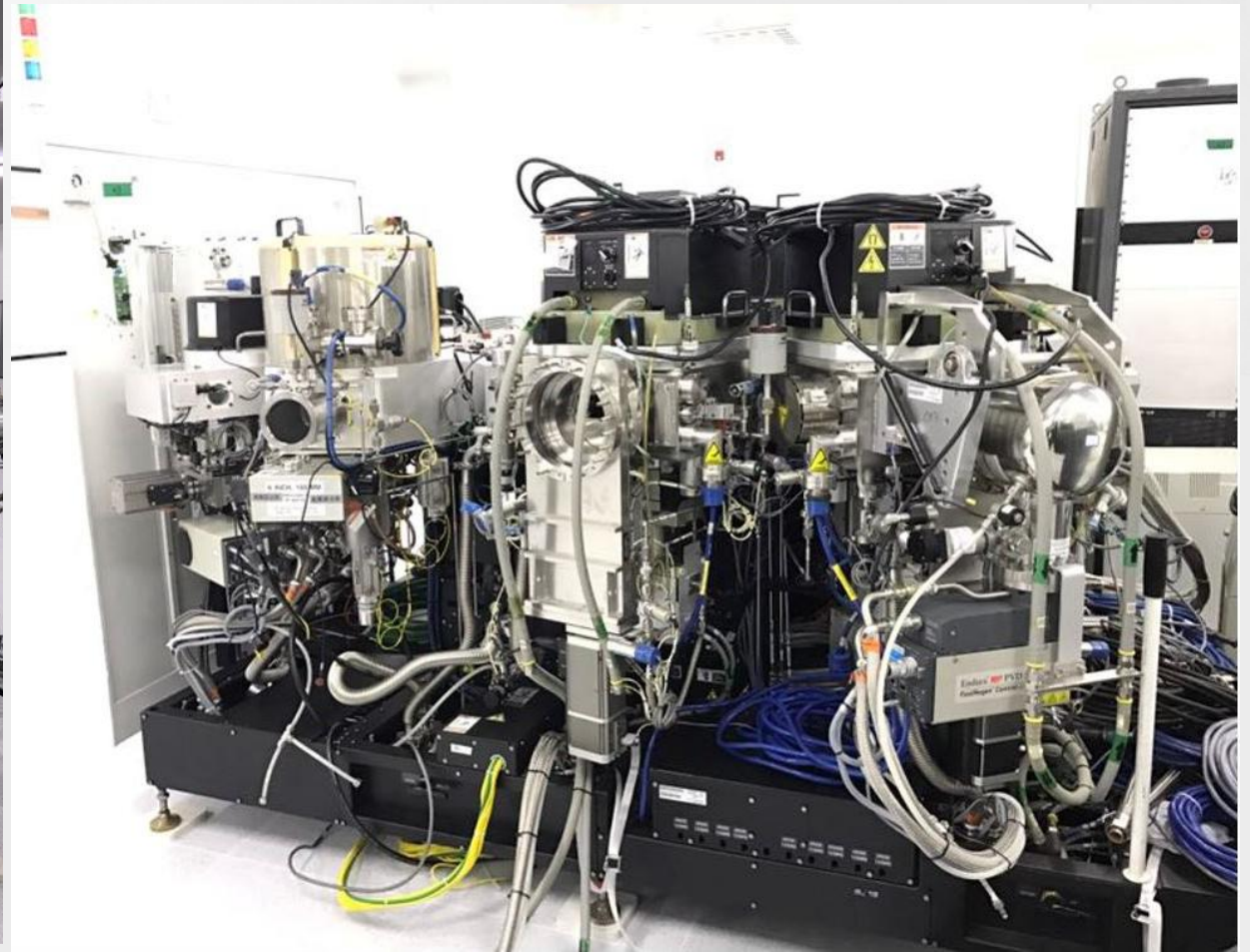
System Rack (VEM Rack : 21 Slot VME)	
AO	2
Opto PCB	3
AI Mux	2
Cryo Temp / AI MUX	1
Stepper PCB	4
TC Gauge PCB	1
Ion Gauge PCB	2
Onvertron Gauge PCB	4
OMS PCB	1
Hard Disk	1
FD Disk	1

System Rack (VEM Rack : 21 Slot VME)	
2 Phase HTR Lift Driver	4
5 Phase Robot Driver	6
DC Power Supply + 5VDC,24VDC	1
DC Power Supply ±15VDC,±12VDC	1
RF Rack	
RF/DC Rack #1	Yes
Turbo Controller	X1 (Missing)
ISO AMP	X5
DC/RF Gen Interlock PCB	X4

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RF Rack	
DC Power Supply	X1
DC Gen	MDX-L12
RF Gen CPS1001	No
Gen RFPP LF10A	Yes
RF/DC Rack #2	X1 (Missing)
DC Gen	MDX-L12(Missing)
RF Gen	Missing
Other Module	
Ar Gas Cabinet	X1
PCW Chilled Water Manifold Cabinet	X1

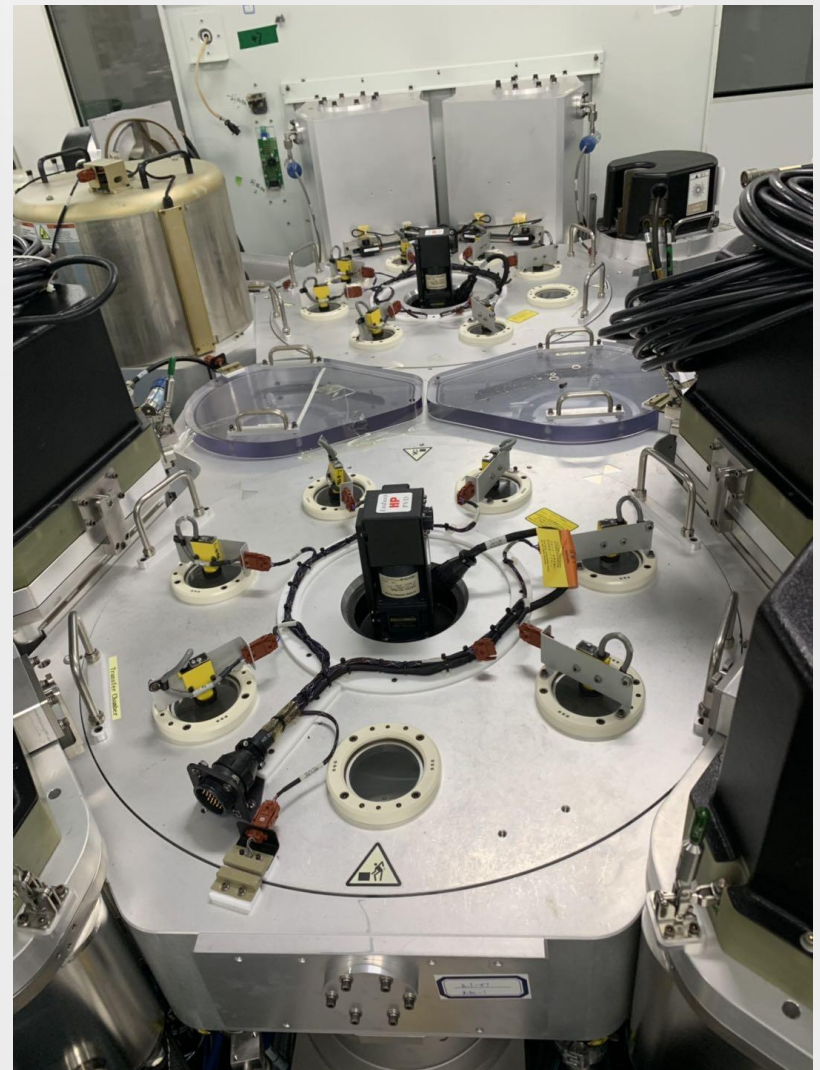
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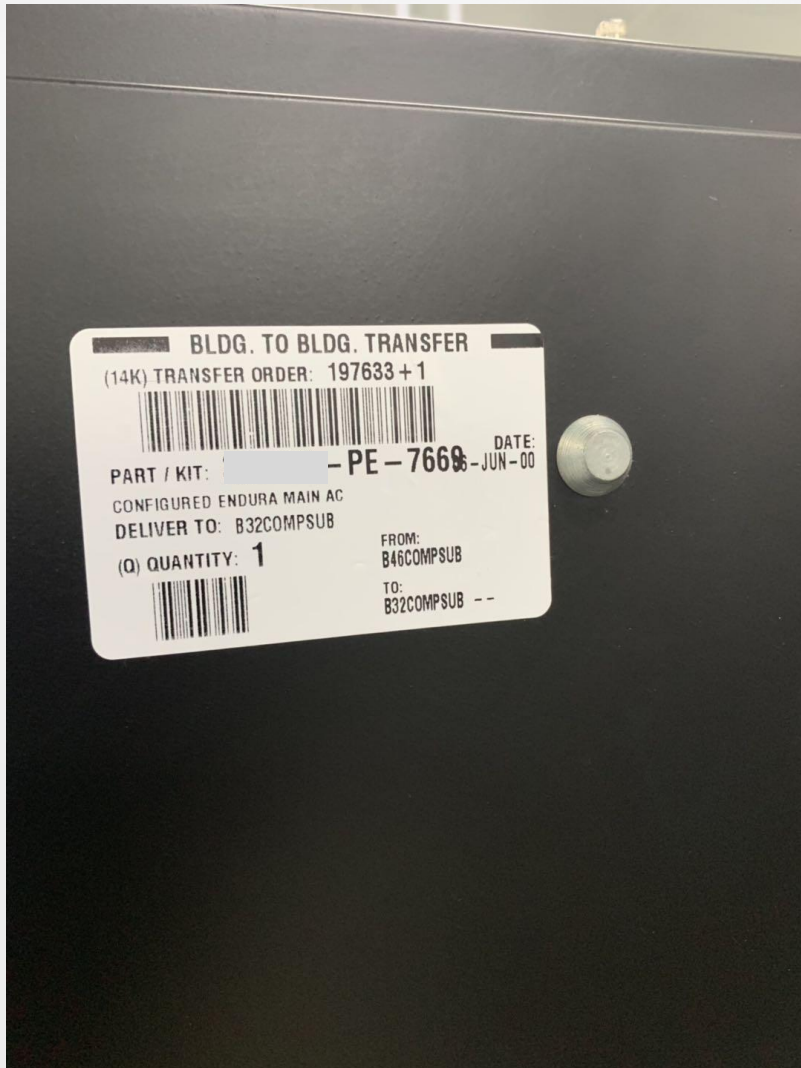
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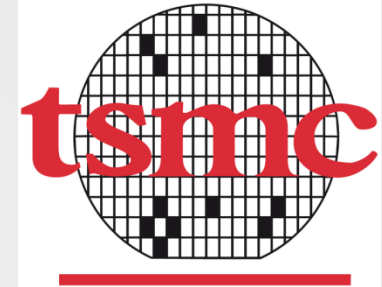
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RenoNix Major Customer



Contact

We're Capable of Most of service for PVD,CVD, ETCH areas.
If you have any inquiry or interest , please feel free to contact us.



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