

Make	Axcelis
Model	GSD-HE GaAS
Serial Number	90153

Endstation Module Questions

Laminar Flaw - Make & Serial	Huntair	
ATM Robot - Make & Serial	Eaton	
Notch or Flat	Notch	
Dummy Cassette Qty		25
Load Buffer - Qty		17
Vacuum Cassette - Qty		17
Wafer Size	6"	
Slot Type	Not slot to slot	
Load Port Interface Type		
Beam Profile Oscilloscope - Make & Serial	Yes	
Call Controller/Version		177
Loadlock - Type	Eaton	
Main Computer - Make, Serial & SW Version	Solaris, SW 5.3	
Main Monitor - Make & Serial	LCD	
Second Computer - Make & Serial	Solaris	
Second Monitor - Make & Serial	LCD	
Tape Reader - Make & Serial	No	
Printer - Make & Serial	None	

Process Module Questions

Disk Type	ACLS 11003980	
Faraday Flag - Yes or No	Yes	
Plasma Shower - Yes or No	No	
Electron Shower - Yes or No	No	
Plasma Shower Controller - Make & Serial	No	
Bias Aperture - Yes or No	No	
Shower Gas Panel - Yes or No	No	
Ar MFC - Yes or No	No	
In-vac Arm - Yes or No	Yes	
Water Holder - Yes or No	Yes	
Pedestal - Yes or No	Yes	
Gyro and Angle - Type and Degree	Alpha & Beta, +/-11°	
Linear Driver - Yes or No	Yes	
Rotary Drive - Type	1200rpm	
HYT - Yes or No	No	
BIAS - Make, Type and Serial	No	
Plasma - Make, Type and Serial	No	

Beamline Module Questions

HV Power Supply - Make and Serial	Hunting Hivolt
HV Stack - make and Serial	Hunting Hivolt

Post Accel Volt - Make, Type & Serial	None
Extraction Suppression PS - Make And Serial	Eaton
AMU - Make and Serial	Buckley
AMU PS - Make and Serial	EMI
Hall Probe - Make, Type and Serial	Magnos
Max. Extraction Voltage	90kV
Decel. Function - Yes or No	No
Beam Line Purge Kit - Yes or No	No
Source - Make, Type & Serial	ACLS ELS
Beam Profiler Tuner - Make, Type and Serial	None

Source Module Questions

Source Head - Type	ELS
Filament PS - Make and Type	Eaton
Arc PS - Make and Type	Eaton
Cathode PS - Make and Type	Eaton
Vaporizer PS - Make and Type	None
Source Magnet - Type	Eaton
Source Magnet PS - Type	EMI
Source Bushing - Type	Eaton
Extraction Assembly - Make and Type	Eaton 3 axis
Variable Resolving Aperture - Make and Type	None
Source ISO Transformer - Make and Type	None
Source Injection Kit - Yes or No	No
Source Housing Exhaust Valve - Yes or No	Yes
Terminal UPS - Make and Type	None

Gas Box Module Questions

Gas Box - Type	Eaton 4 gas line gasbox
Gas Loop #1 - Type	Non toxic HP
Gas Loop #2 - Type	Toxic BF3 SDS
Gas Loop #3 - Type	Toxic Helium HP
Gas Loop #4 - Type	Toxic Hydrogen HP
Loop #1 MFC - Make, Type and Serial	Brooks GF100
Loop #2 MFC - Make, Type and Serial	Brooks GF120
Loop #3 MFC - Make, Type and Serial	Brooks GF100
Loop #4 MFC - Make, Type and Serial	Brooks GF100

Vacuum System Questions

P1 Source Turbo - Make, Type and Serial	Edwards
P1 Controller - Make, Type and Serial	Edwards
P2 Resolving Cryo Pump - Make, Type and Serial	CTI 8"
P3 V3 Cryo Pump - Make, Type and Serial	CTI 10"
P3 Disk Cryo - Make, Type and Serial	Edwards Turbo
RP1 - Make, Type and Serial	Edwards iGX100L
RP2 - Make, Type and Serial	Edwards iGX100MTI
IG1 - Make, Type and Serial	Standard HCIG

IG2 - Make, Type and Serial	Standard HCIG
P4 - Make, Type and Serial	Edwards Turbo
P4 Controller - Make, Type and Serial	Edwards.
IG3 - Make, Type and Serial	Stabil Ion Gauge
IG Controller - Make, Type and Serial	Stabil Ion Gauge controller

Safety Questions

Vesda, Yes or No	
Smoke Detector, Yes or No	Yes
CES Options - Make and Type	

Other Questions

Enclosures, Yes or No	Yes
Ground Bars, Qty	3
Drawings and Manuals	YES
SECS, Make and Type	
SPC Function - Type	No
Dose Controller - Type	Eaton

Sub- Systems

Di Unit, Make, Type and Serial	Affinity TLC
ISO Transformer, Make, Type and Serial	
Compressor 1 - Make, Type and Serial	CTI
Compressor 2 - Make, Type and Serial	CTI
UPS, Make, Type and Serial	None