

s/w version: 5.61.00

Gas box:-

1. AsH₃ (SDS)
2. PH₃ (SDS)
3. Empty
4. BF₃ (HP)
5. Ar (HP)

Source Turbo Pump

Pfeiffer Turbo Pump (S/N:13619794) with Controller (DCU600)

Beamline Turbo Pump (2EA)

Varian Turbo Pumps (S/N:602359, 503867) with Controllers (1000 ICE)

E/S Turbo Pump

Varian Turbo Pump (S/N:509169) V300HT with Controller

Source/Beamline Dry Pump

EBARA_A07V (in Terminal Module)

Main Chamber Dry Pump

EBARA_A07V

Cryo Pumps (4EA)

On-Board 250F with Compressor 9600 (2EA) – on Remote Rack

D.I. Water Pump

5 Stage D.I. Water Pump Assembly – on Remote Rack

Subsystem Assembly

1. Source Subsystem

Source Controller Assembly

Filament Power Supply (2EA), Arc Power Supply (2EA)

2. Terminal Subsystem

Terminal Controller Assembly

Extraction Power Supply Assembly

Extraction Power Supply Stack Assembly

HCIG/CG Vacuum Controller Assembly (2EA)

Source Magnet Assembly

Analyzer Power Supply Assembly

Suppression Power Supply Assembly

Isolation Transformer Assembly

3. Facility Subsystem

Main PD Assembly

Isolation Transformer Assembly

Accel Power Supply Stack Assembly

Accel Power Supply Assembly

Facility Controller Assembly

Coolant Distribution Assembly

Air/N₂ Control Assembly

Service Monitor Adapter Assembly

4. Chamber Subsystem

Cryo Pump and On-Board Controller Assembly

Burn Thru Detector Assembly

5. Implant Subsystem

Disc Assembly

Spin Motor Assembly with Spin Amplifier

Scan Motor Assembly with Scan Amplifier

Flip Motor Assembly with Flip Amplifier

Angle Motor Assembly with Angle Amplifier
Servo Power Supply
PFG Power Supply Assembly
PFG Gas Box Assembly
6. W/H Subsystem
W/H Controller Assembly
W/N Servo Controller Assembly
W/H Interface Assembly
7. Main Subsystem
Main Controller Assembly
Operator Monitor Assembly
8. System Subsystem
Accel Column Assembly
Beamgate Chamber Assembly
Beamgate Assembly
Enclosure Door Assembly
Roof Panel Assembly
Remote Rack Assembly
Enclosure Post Assembly
Accessories