

Transaction Information

Tool ID	IMP205
Tool Status	Connected
Location	Dresden, Germany
Wafer Size	300 mm
Fab Section	Implant
Tool Available Date	2023-09-01

General Product Information

Vendor Supplier	Axvcelis
Model	Optima MD
Vintage	2007
Serial No	083015
Asset Description	Medium Current Implant
Software Version	1.7.0.4DP14
CIM	GEM
Process	Implant

Hardware Configuration (Fab)

System Type	Description	Quantity	Status
Main System	Optima ION IMPLANT System (300mm)	1	OK
Main System	Injector System	1	OK
Main System	End Station	1	OK
Main System	Target Positioning / Scanning System	1	OK
Handler System	Axcelis Vacuum Robot	1	OK
Handler System	Linaer Scan System	1	OK
Handler System	Yaskawa XU-RC400M-A00 robot ATM	2	OK
Options System	Pfeiffer Turbo Pump TMH 1201 for Source Pfeiffer Turbo Pump TMH 1201 for Beamline	2	OK
Options System	300mm Plasma Flood Gun w. HP Xe DIN 6	1	OK
Options System	CTI Cryo Pump System 1x IS8, 2x IS 250	3	OK
Options System	BUSCH BC100 Rough Pumps Source / LL+ Transfer	2	OK
Options System	CTI Cryo Pump System 2x IS 320	2	OK
Others	Line 6 String: HP Xe DIN 6	1	OK
Others	Line 4 String: SDS BF3 1/4" VCR	1	OK
Others	Line 1 String: HP Argon 1/4" VCR	1	OK
Others	Line 5 String: SDS GeF4 1/4" VCR	1	OK
Others	Line 3 String: SDS AsH3 1/2" VCR	1	OK

Hardware Configuration (Subfab / Auxilliary Units)

Description	Quantity	Status
AFFINITY Chiller	1	OK
Cryo Compressor	2	OK

Missing/Faulty Parts / Accesories List

Description	Quantity
NONE	

Tool Pictures

General

Overview















Manufacture Serial

Ser.Nr.: 083015

FEOL

IMP205

IMP / CLEAN

axcelis

AXCELIS TECHNOLOGIES, INC.

108 CHERRY HILL DRIVE
BEVERLY, MASS 01915
MADE IN U.S.A.

MODEL: **Optima MD**

MANUF.
DATE:

14/07

(ww/yy)

SERIAL
NO:

083015

WEIGHT:

29272/13278

(Lbs/Kg)

SCHEMATIC:

S840001460

INPUT VOLTAGE:

400 VAC

PHASE:

3

FREQUENCY:

50 Hz