

Transaction Information

Tool ID	IMP203
Tool Status	Running Wafers
Location	Dresden, Germany
Wafer Size	300 mm
Fab Section	Diffusion
Tool Available Date	2023-09-01

General Product Information

Vendor Supplier	Axcelis
Model	OptimaMD
Vintage	2006
Serial No	083011
Asset Description	Medium Current Implant
Software Version	1.7.0.4.DP14
CIM	GEM
Process	Implant

Hardware Configuration (Fab)

System Type	Description	Quantity	Status
Main System	Optima ION IMPLANT System (300mm)	1	OK
Main System	End Station	1	OK
Handler System	Linaer Scan System	1	OK
Handler System	Yaskawa XU-RC400M-A00 robot ATM	2	OK
Options System	CTI Cryo Pump System 2x IS 320	2	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	300mm Plasma Flood Gun w. HP Xe DIN 6	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 2 String: SDS PH3 1/2" VCR	1	OK
Others	Line 6 String: HP Xe DIN 6	1	OK
Others	Line 3 String: SDS AsH3 1/2" VCR	1	OK

Hardware Configuration (Subfab / Auxilliary Units)

Description	Quantity	Status
Cryo Compressor	2	OK
AFFINITY Chiller	1	OK

Missing/Faulty Parts / Accesories List

Description	Quantity
NONE	

Tool Pictures

General

Overview













General

Overview



Manufacture Serial

Ser.Nr.: 083011

FEOL

IMP203

IMP / CLEAN

axcelis

AXCELIS TECHNOLOGIES, INC.

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

MODEL: **Optima MD**

MANUF. DATE: **46/06**
(ww/yy)

SERIAL NO: **083011**

WEIGHT: **29272/13278**
(Lbs/Kg)

SCHEMATIC: **S840001460**

INPUT VOLTAGE: **400 VAC**

PHASE: **3**

FREQUENCY: **50 Hz**