

## Transaction Information

Tool ID	EPI1200
Tool Status	Connected
Location	Dresden, Germany
Wafer Size	300 mm
Fab Section	Diffusion
Tool Available Date	2022-07-31

## General Product Information

Vendor Supplier	AMAT
Model	Centura ACP300mm EPI, RP System
Vintage	2010
Serial No	420809
Asset Description	EPI Centura ACP300mm
Software Version	CGA 4.0_497
CIM	SECHS, GEM, compatible
Process	EPITAXI

## Hardware Configuration (Fab)

System Type	Description	Quantity	Status
Main System	Siconi pre clean chamber	1	OK
Options System			

## Hardware Configuration (Subfab / Auxilliary Units)

Description	Quantity	Status
Heatexchanger Siconi	2	OK
Siconi, AC powerbox	1	OK
ACP, AC powerbox	1	OK

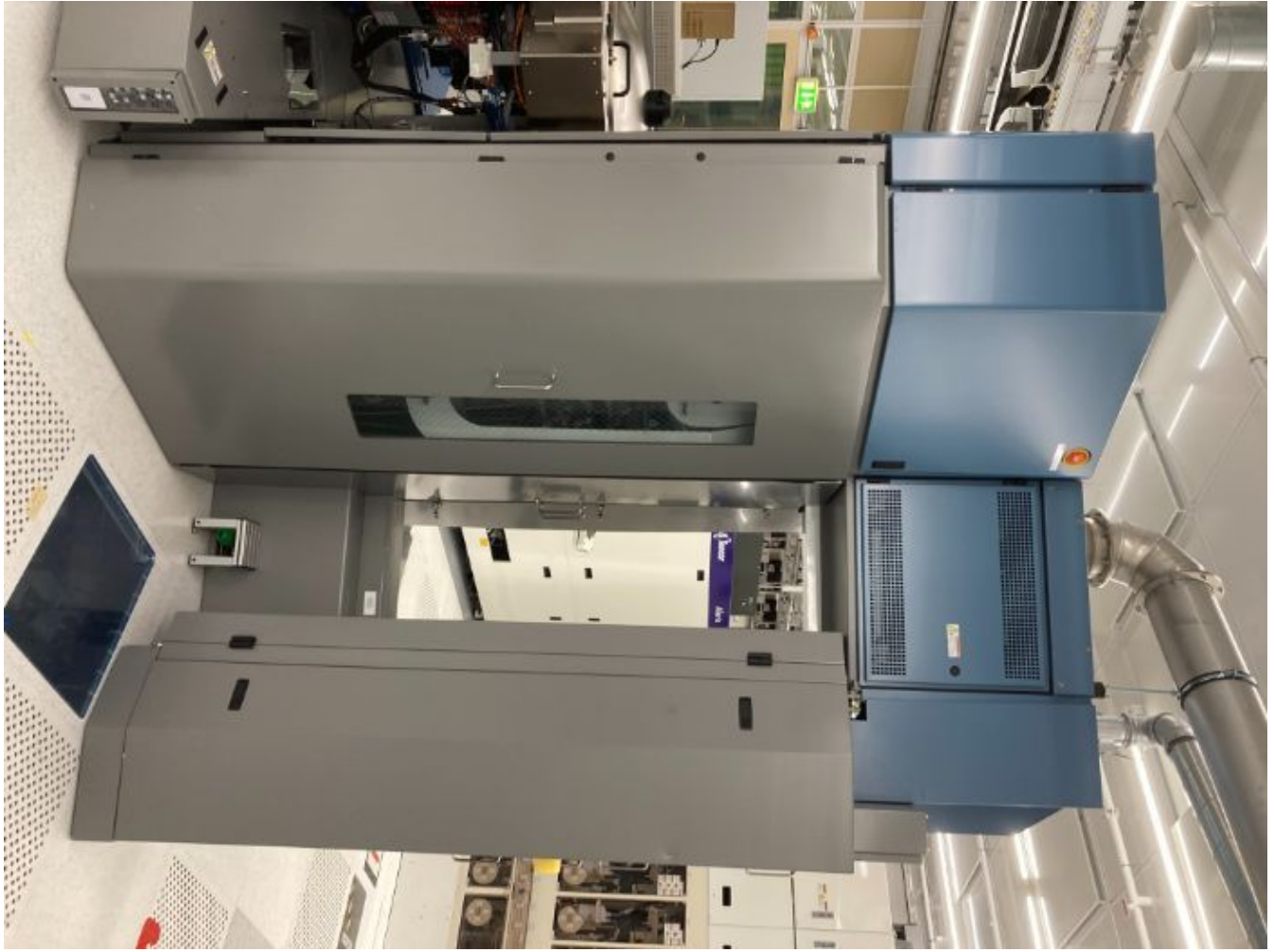
## Missing/Faulty Parts / Accesories List

Description	Quantity
NONE	

# Tool Pictures

General

ACP, Buffer, Remote Frame



General

ACP, Buffer, Remote Frame



General

ACP, Buffer, Remote Frame



General

ACP, Buffer, Remote Frame

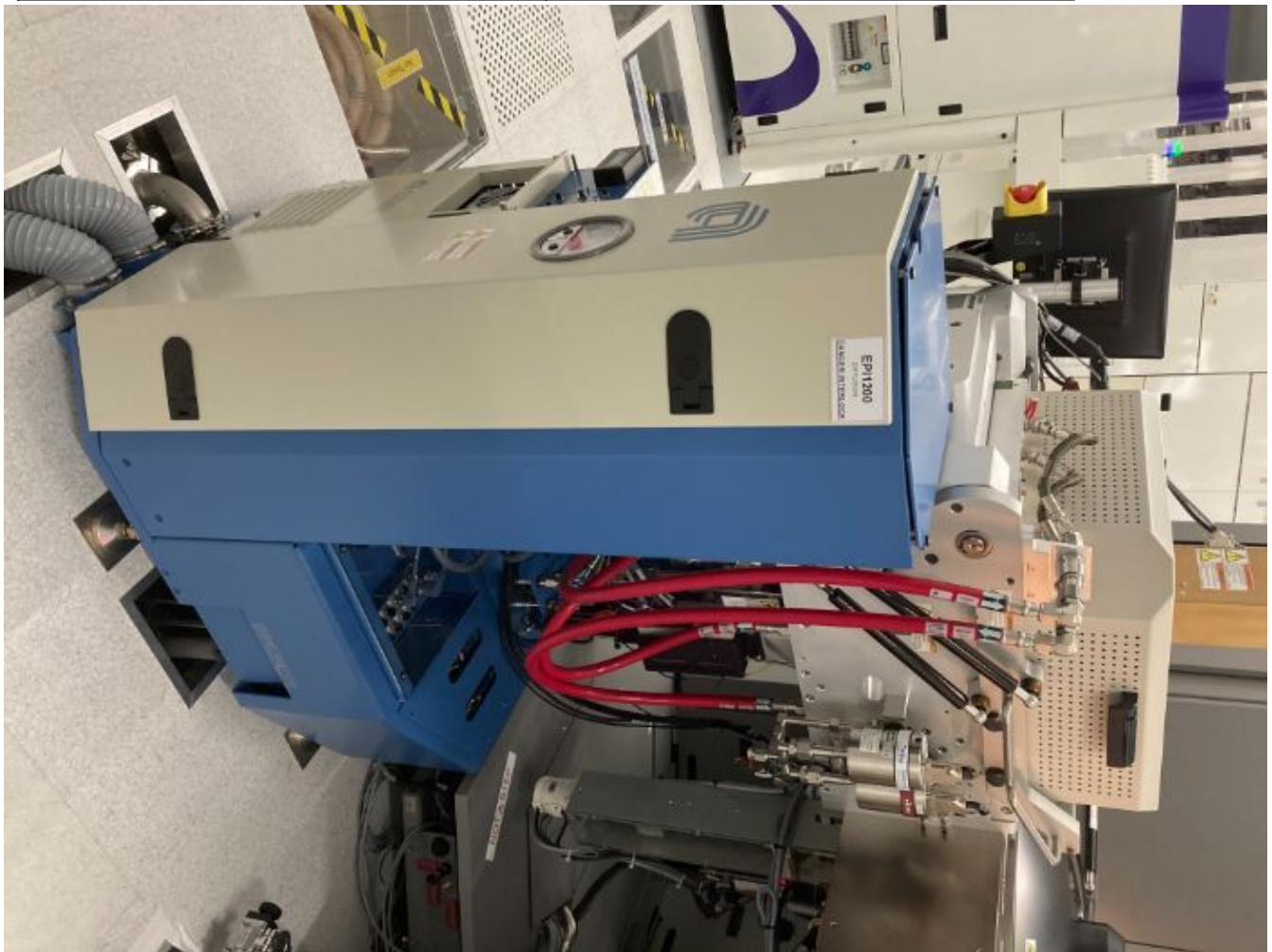




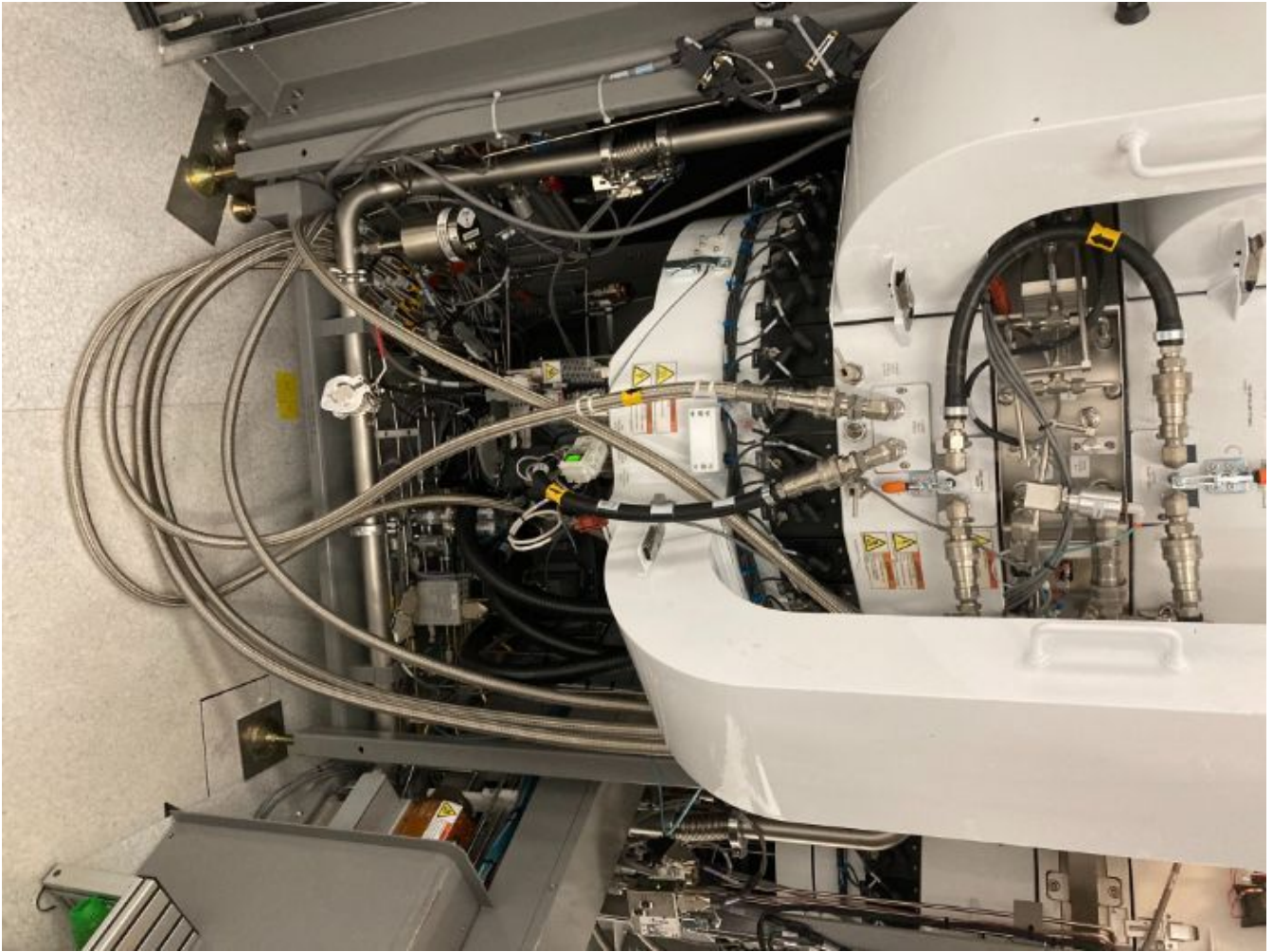
General

ACP, Buffer, Remote Frame

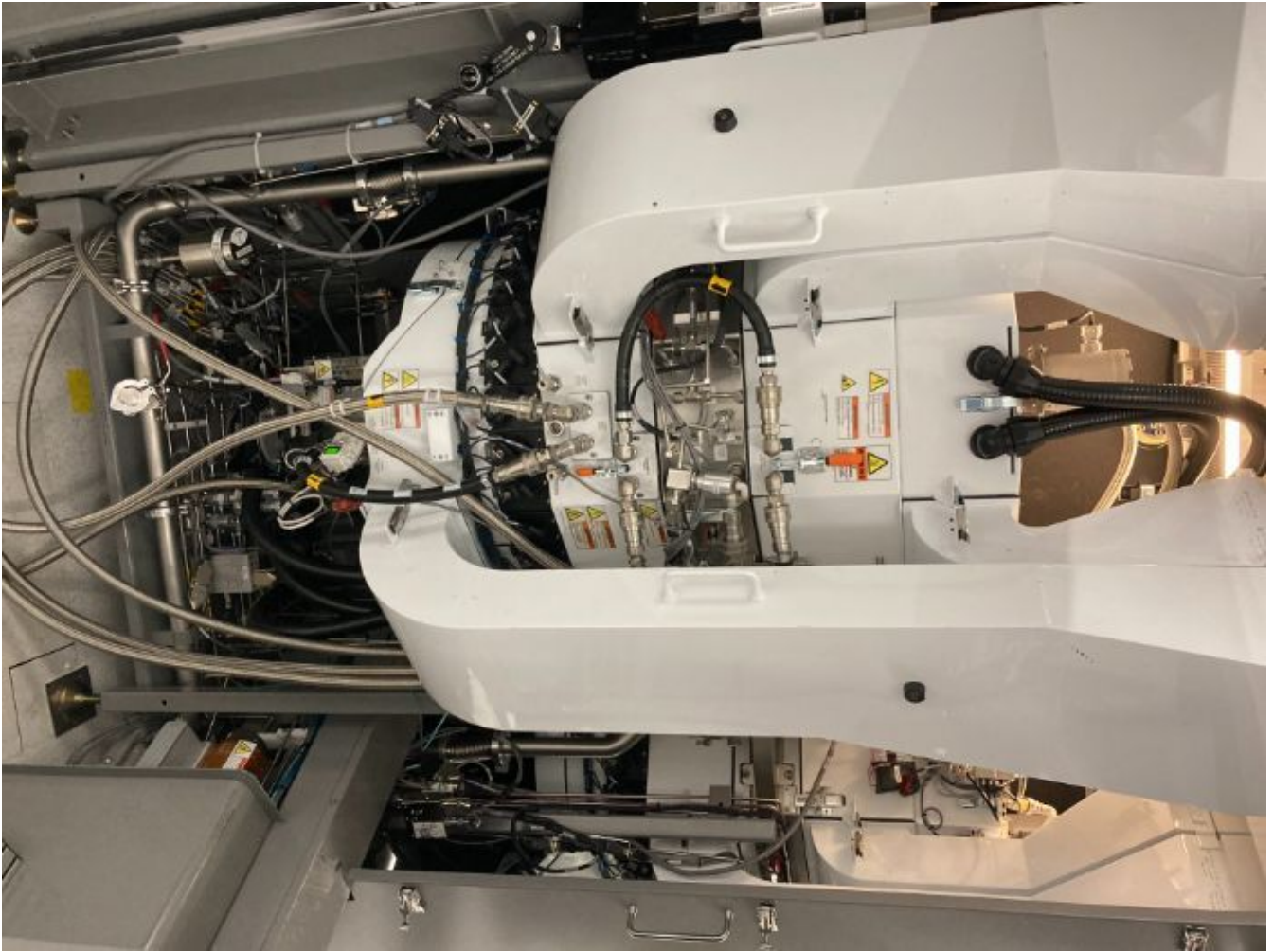








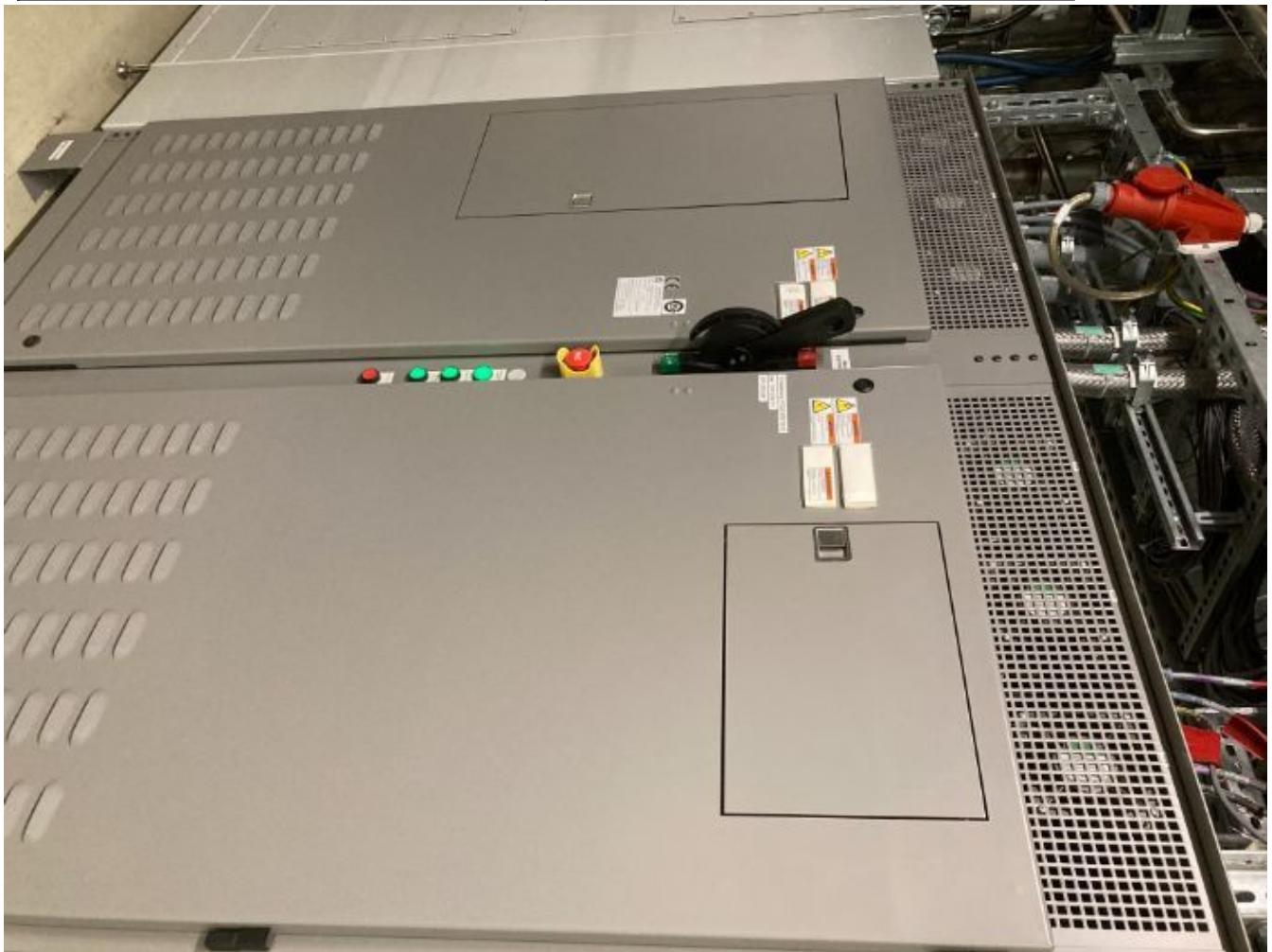






Hardware Sub-fab

AC-Box, Heatexchanger



Hardware Sub-fab

AC-Box, Heatexchanger





Hardware Sub-fab

AC-Box, Heatexchanger



Manufacture Serial

SERIAL NUMBER PLATE



**APPLIED MATERIALS**

9700 U.S. HWY. 290 EAST, AUSTIN, TX 78724

MODEL  MAIN AC REMOTE CH XY EPI 300MM

SYSTEM NO.  420809  YEAR OF CONSTRUCTION  2010

DIAGRAM NUMBER:  0180-03650

SUPPLY:  480  Vac  3  Phase  4  Wires  50/60  HZ  Frequency

FULL-LOAD CURRENT:  370  Amperes

AMPERE RATING OF LARGEST LOAD:  150  Amperes

BRANCH CIRCUIT PROTECTIVE DEVICE

MAXIMUM AMPERE RATING:  500  Amperes

INTERRUPTING CAPACITY:  35KA  RMS sys at

480 V AC max.

Overcurrent Protection Provided At Machine Supply Terminals

Manufacture Serial

SERIAL NUMBER PLATE

localhost - Centura CGA | Limited software license provided to GLOBALFOUNDRIES Dresden Module One

Conn: **CrnlLocal** 10-Feb-2022 16:14:33 **Monitor Wafers** ccB4.0\_49? 420809 **Ack All**

System Ch B Inert Ch C Inert Inert Ch D Fault Buffer LLA LLB Align FI GoTo Editor Back Forward

Start Stop

Ch B 30.00 Torr

Ch C 30.02 Torr

Ch D -92.83 Torr

CD1 CD2

30.15 Torr

LLA 731.60 LLB 733.00

Port Cass A E87: RTL Released Not Mapped

Port Cass B E87: RTL Released Not Mapped

Aligner

Chamber C summary

Running Recipe:

Recipe name

Step name

Step end mode Time

Step Num 0 of 0

Step Time of 0.0 s

Time in Recipe

Loop 0 of 0

Process

Total Flow 3483.60

Pressure 30.02 Torr

Temp 180.11 °C

APPLIED MATERIALS

## Additional Tool Data Files