

## Transaction Information

Tool ID	C004
Tool Status	Running Wafers
Location	East Fishkill, USA
Wafer Size	300 mm
Fab Section	Diffusion
Tool Available Date	2025-02-01

## General Product Information

Vendor Supplier	AMAT
Model	Centura
Vintage	2011
Serial No	424023
Asset Description	AMAT EPI w SiCoNi Cham C004
Software Version	Standard
CIM	SECS GEM
Process	EPI + SiCoNi

## Hardware Configuration (Fab)

System Type	Description	Quantity	Status
Main System	Main Tool	1	OK
Handler System	Standard		OK
Factory Interface	FOUP	3	OK
Options System			

## Hardware Configuration (Subfab / Auxilliary Units)

Description	Quantity	Status
NONE		

## Missing/Faulty Parts / Accesories List

Description	Quantity
NONE	

# Tool Pictures

General

Main Tool



0060-02052 REV. 001 (0060-21467)



# APPLIED MATERIALS®

9700 HWY 290 EAST, AUSTIN, TX 78724

OVERCURRENT PROTECTION PROVIDED AT MACHINE  
SUPPLY TERMINALS.

MODEL: 300MM

**SoCoNi AUX REMOTE AC RACK**

SERIAL NO: **424023-EY-AAC**

VOLTAGE:	208VAC	#WIRES:	4	PHASE:	3
FULL-LOAD CURRENT:	200A	FREQUENCY:	50/60Hz		
AMPERE RATING OF LARGEST LOAD:	80A				
MAXIMUM AMPERE RATING OF MAIN OVERCURRENT PROTECTIVE DEVICE:	250A	AMPS			
SHORT-CIRCUIT INTERRUPTING CAPACITY OF MAIN OVERCURRENT PROTECTIVE DEVICE:	65,000	A.I.C			
YEAR OF CONSTRUCTION:	2011				
DIAGRAM NUMBER:	0180-04238				

Serial No.



ACP







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9700 HWY 290 EAST, AUSTIN, TX 78724

OVERCURRENT PROTECTION PROVIDED AT MACHINE  
SUPPLY TERMINALS.

MODEL: 300MM

SoCoNi AUX REMOTE AC RACK

SERIAL NO: 4 2 4 0 2 3 - E Y - 1 1 C

VOLTAGE:

208VAC

#WIRES:

4

PHASE:

3

FULL-LOAD CURRENT:

200A

FREQUENCY:

50/60Hz

AMPERE RATING OF LARGEST LOAD:

80A

MAXIMUM AMPERE RATING OF MAIN  
OVERCURRENT PROTECTIVE DEVICE:

250A

AMPS

SHORT-CIRCUIT INTERRUPTING CAPACITY  
OF MAIN OVERCURRENT PROTECTIVE DEVICE:

65,000

A.I.C

YEAR OF CONSTRUCTION:

2011

DIAGRAM NUMBER:

0180-04238







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9700 HWY 290 EAST, AUSTIN, TX 78724

OVERCURRENT PROTECTION PROVIDED AT MACHINE  
SUPPLY TERMINALS.

MODEL: 300MM

SoCoNi

REMOTE AC RACK

SERIAL NO:

424023-EY-AAC

VOLTAGE:

208VAC

#WIRES:

4

PHASE:

3

FULL-LOAD CURRENT:

200A

FREQUENCY:

50/60Hz

AMPERE RATING OF LARGEST LOAD:

80A

MAXIMUM AMPERE RATING OF MAIN  
OVERCURRENT PROTECTIVE DEVICE:

250A

AMPS

SHORT-CIRCUIT INTERRUPTING CAPACITY  
OF MAIN OVERCURRENT PROTECTIVE DEVICE:

65,000

A.I.C

YEAR OF CONSTRUCTION:

2011

DIAGRAM NUMBER:

0180-04238





**APPLIED MATERIALS**

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

MODEL

MAIN AC REMOTE CH X/Y EPI 300MM

SYSTEM NO.

YEAR OF CONSTRUCTION

2011

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

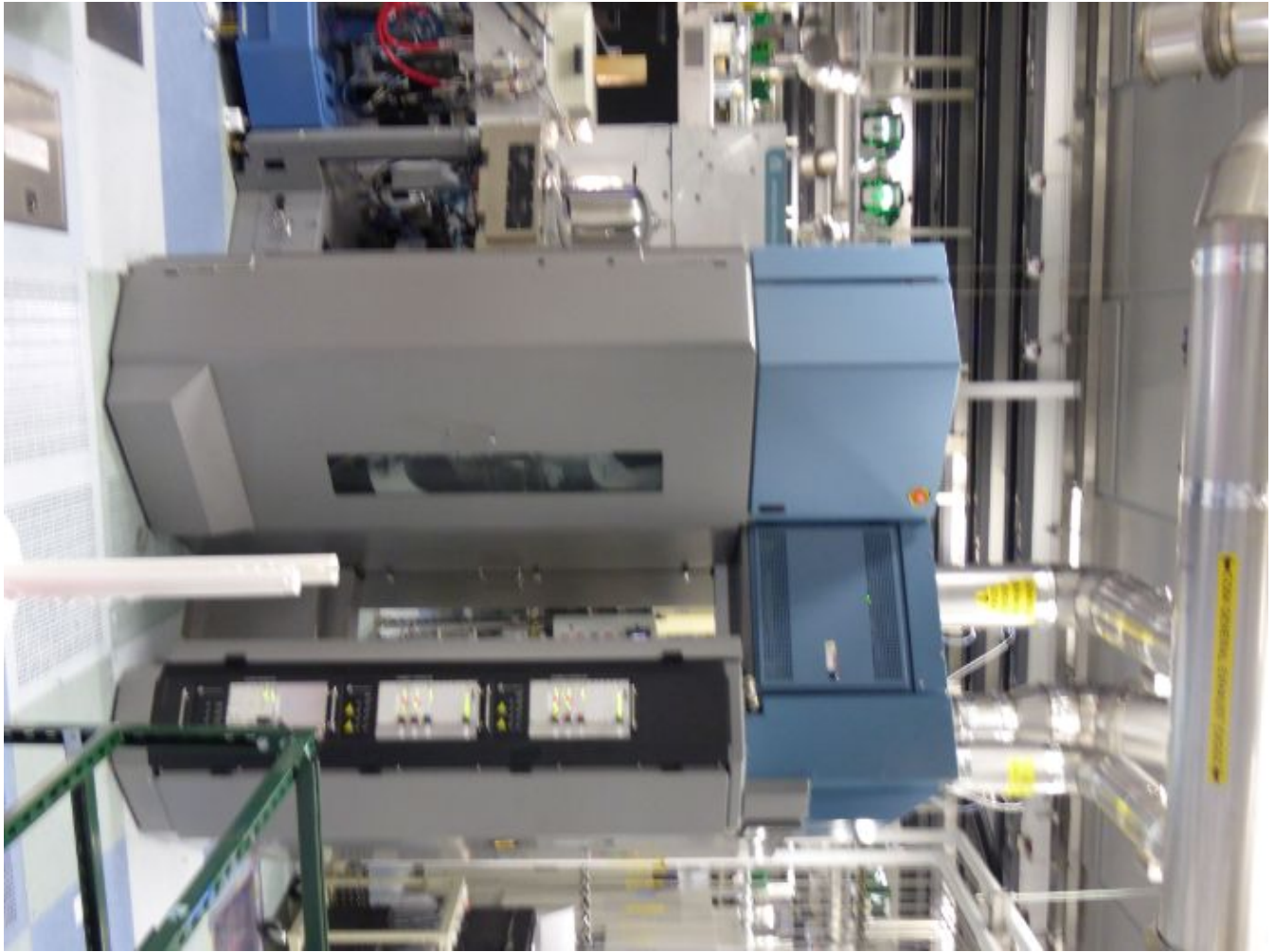
BRANCH CIRCUIT PROTECTIVE DEVICE

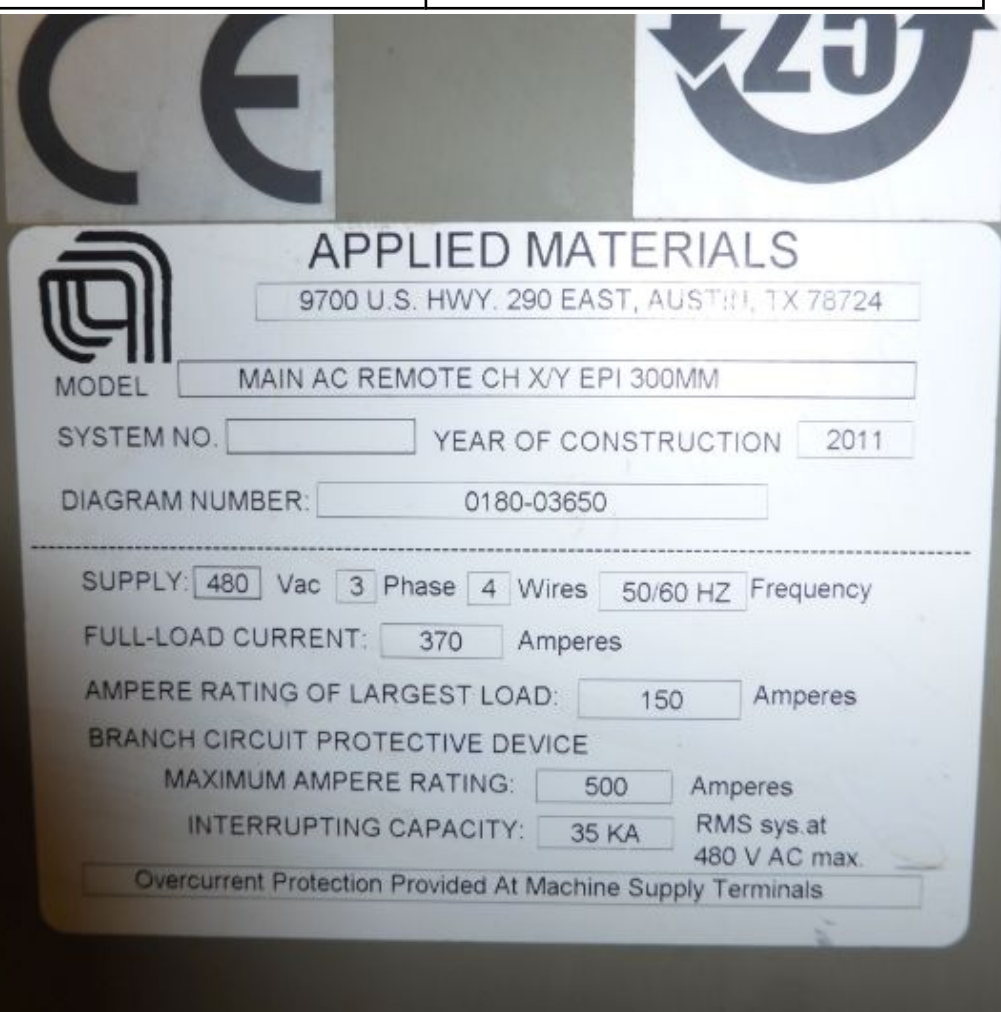
MAXIMUM AMPERE RATING: 500 Amperes

INTERRUPTING CAPACITY: 35 KA RMS sys. at  
480 V AC max.

Overcurrent Protection Provided At Machine Supply Terminals







# APPLIED MATERIALS

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

MODEL

SYSTEM NO.  YEAR OF CONSTRUCTION

DIAGRAM NUMBER:

SUPPLY:  Vac  Phase  Wires  Frequency

FULL-LOAD CURRENT:  Amperes

AMPERE RATING OF LARGEST LOAD:  Amperes

### BRANCH CIRCUIT PROTECTIVE DEVICE

MAXIMUM AMPERE RATING:  Amperes

INTERRUPTING CAPACITY:  RMS sys. at  
480 V AC max.





## Additional Configuration Files