

AMAT P5000

Oxide Etch

2-chamber

PRECISION 5000

MARK II

비상정지스위치

RUN

STOP

LOAD

UNLOAD

ETCH MXP

PRECISION 5000

MARK II

비상정지스위치

RUN
STOP
LOAD
UNLOAD

ETCH MXP





SERIAL No: 21694-04



PART No. 0010 70001

REV L

5000 CLEANROOM
CASSETTE HANDLER
BOTTOM



5'4 HC

 **WARNING**

**MECHANICAL
HAZARDS**

MAY RESULT IN
SEVERE INJURY OR
DEATH. REFER TO





비상정지스위치

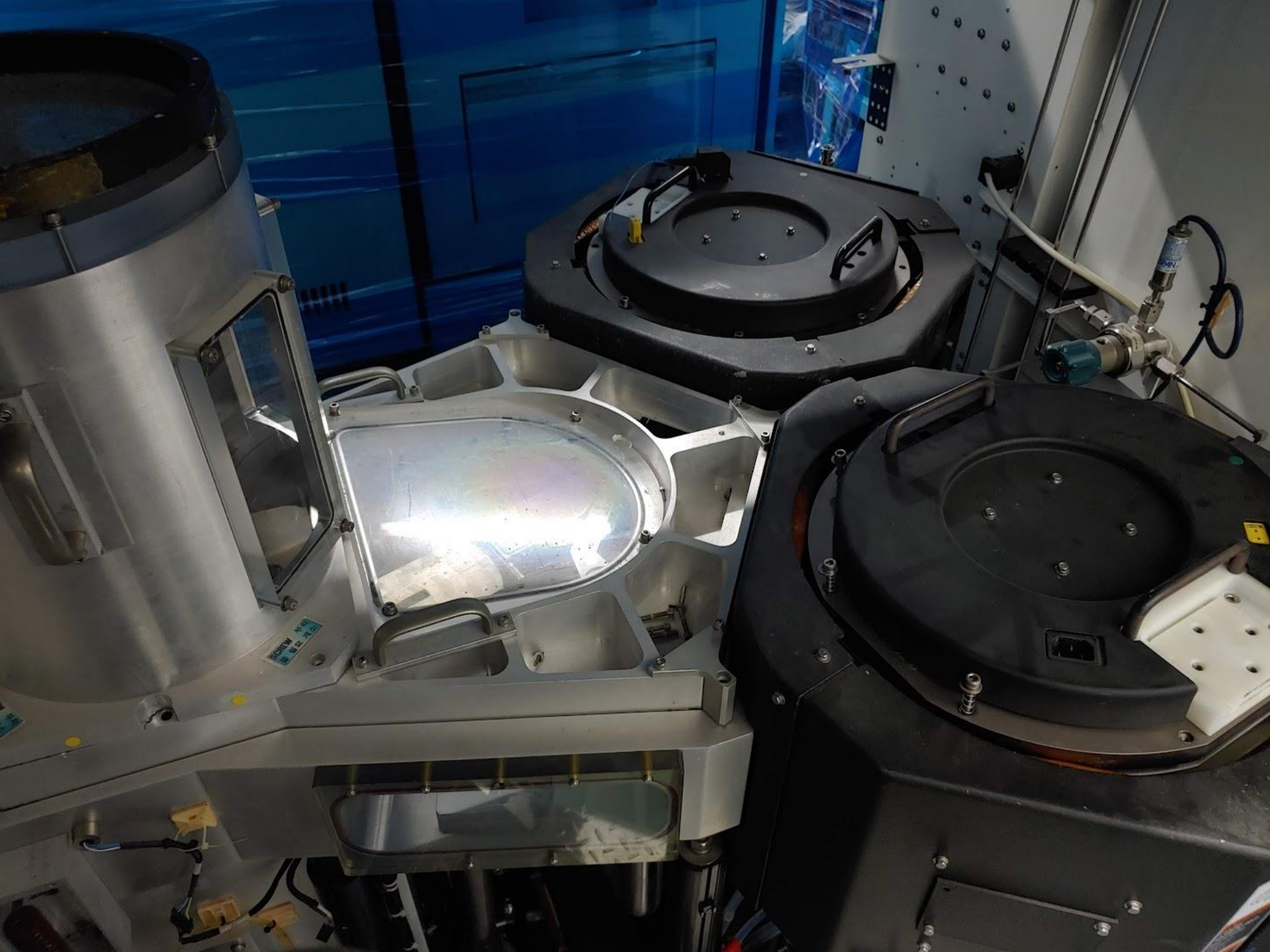




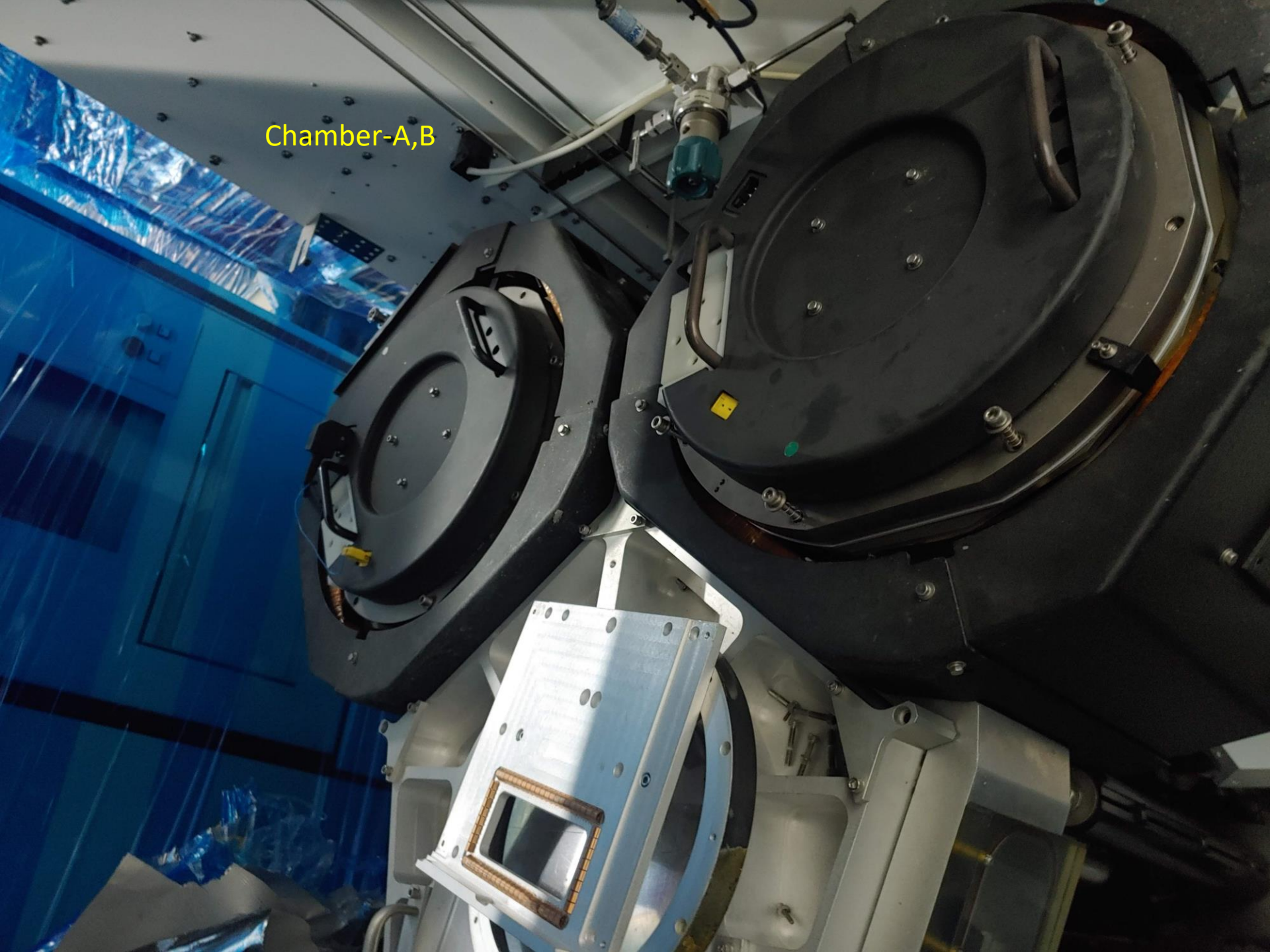






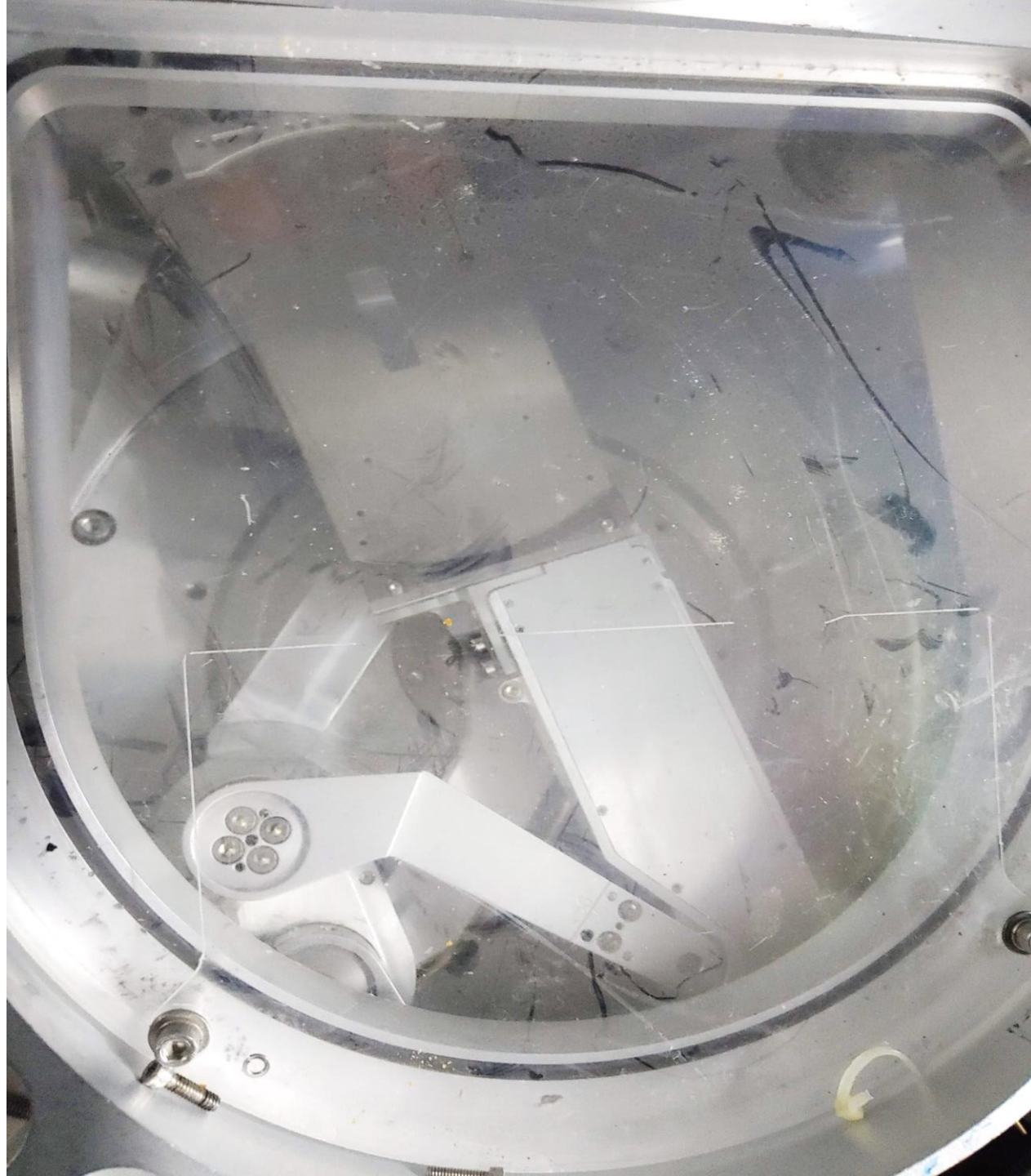


Chamber-A,B

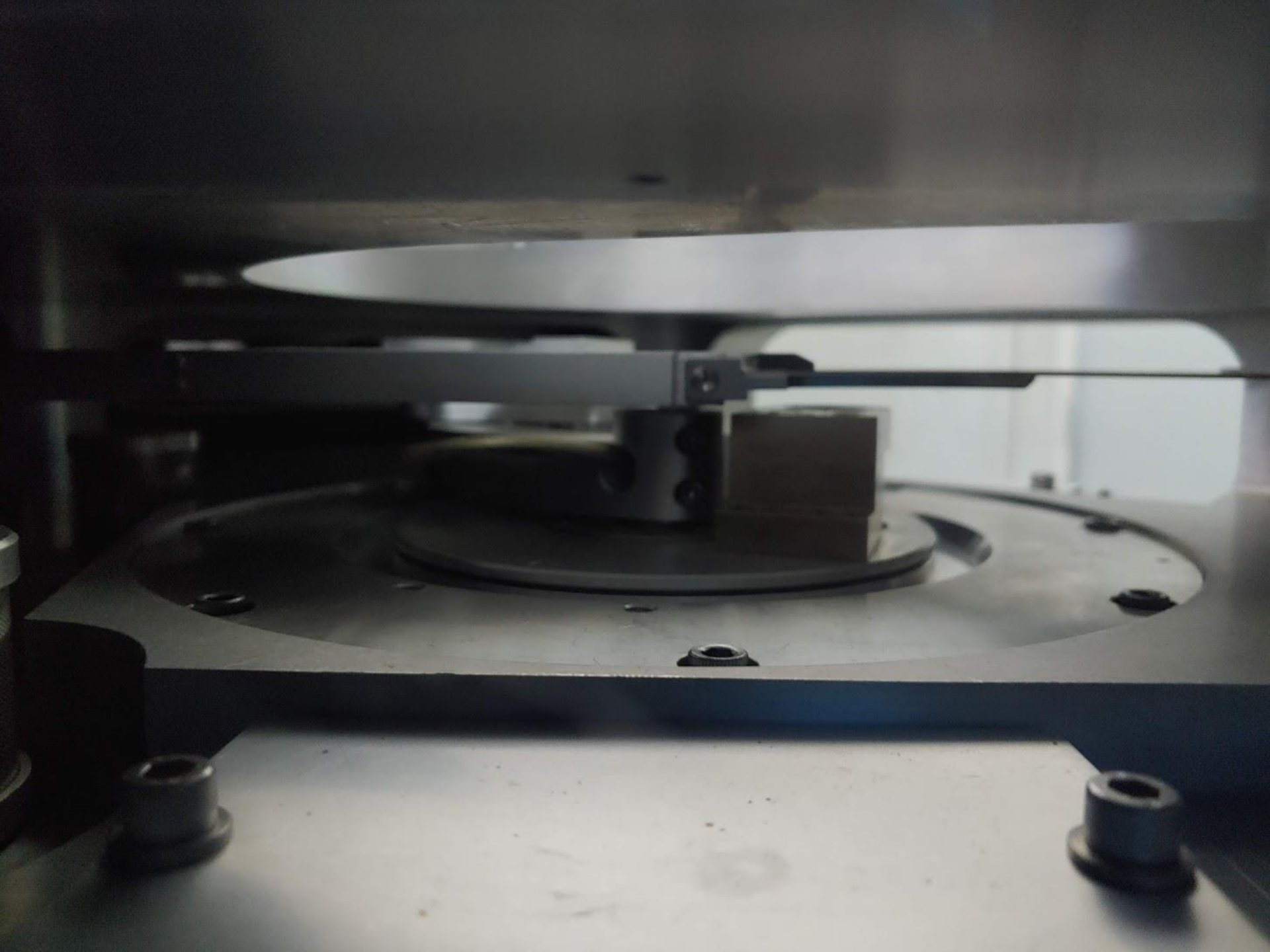


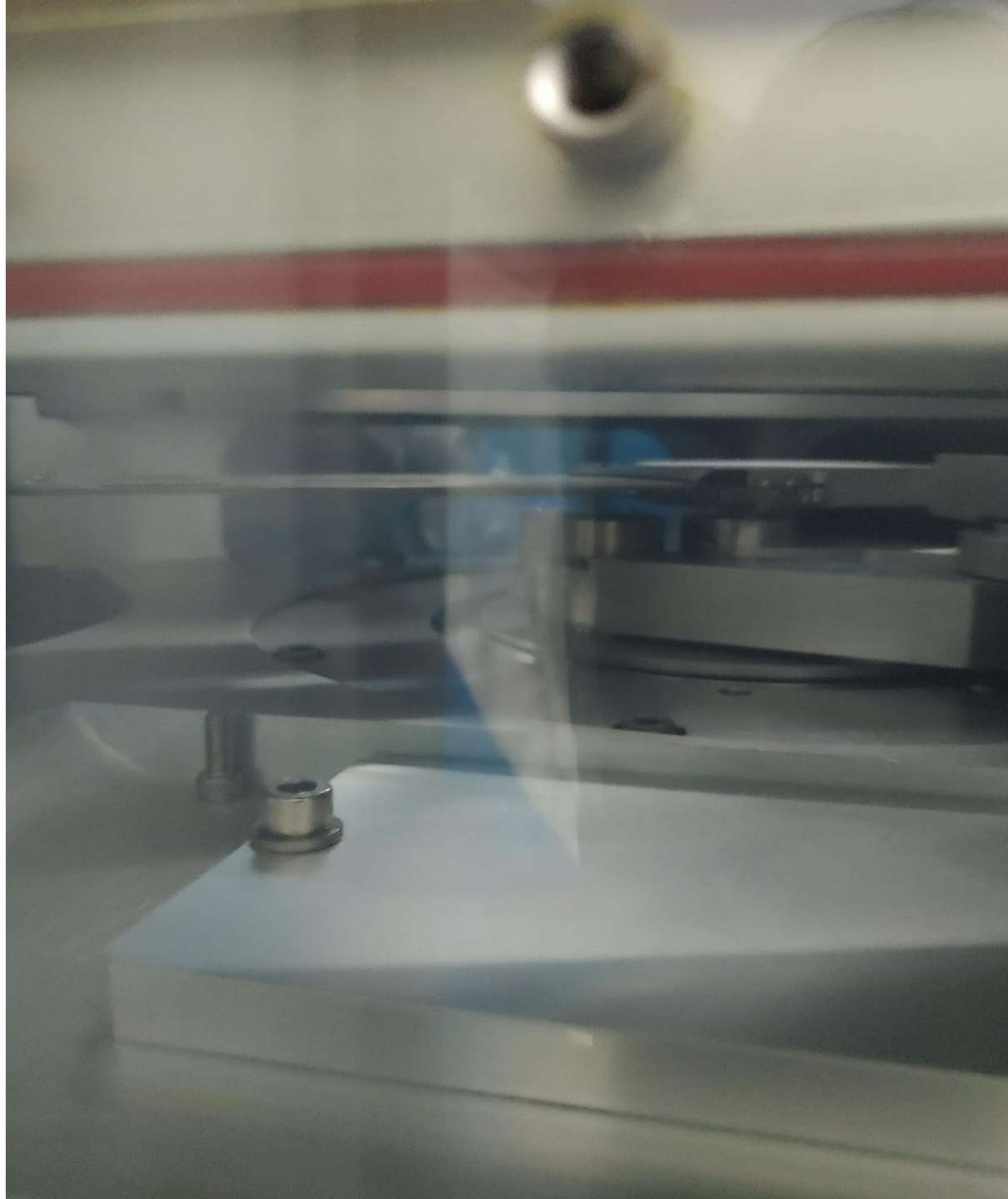
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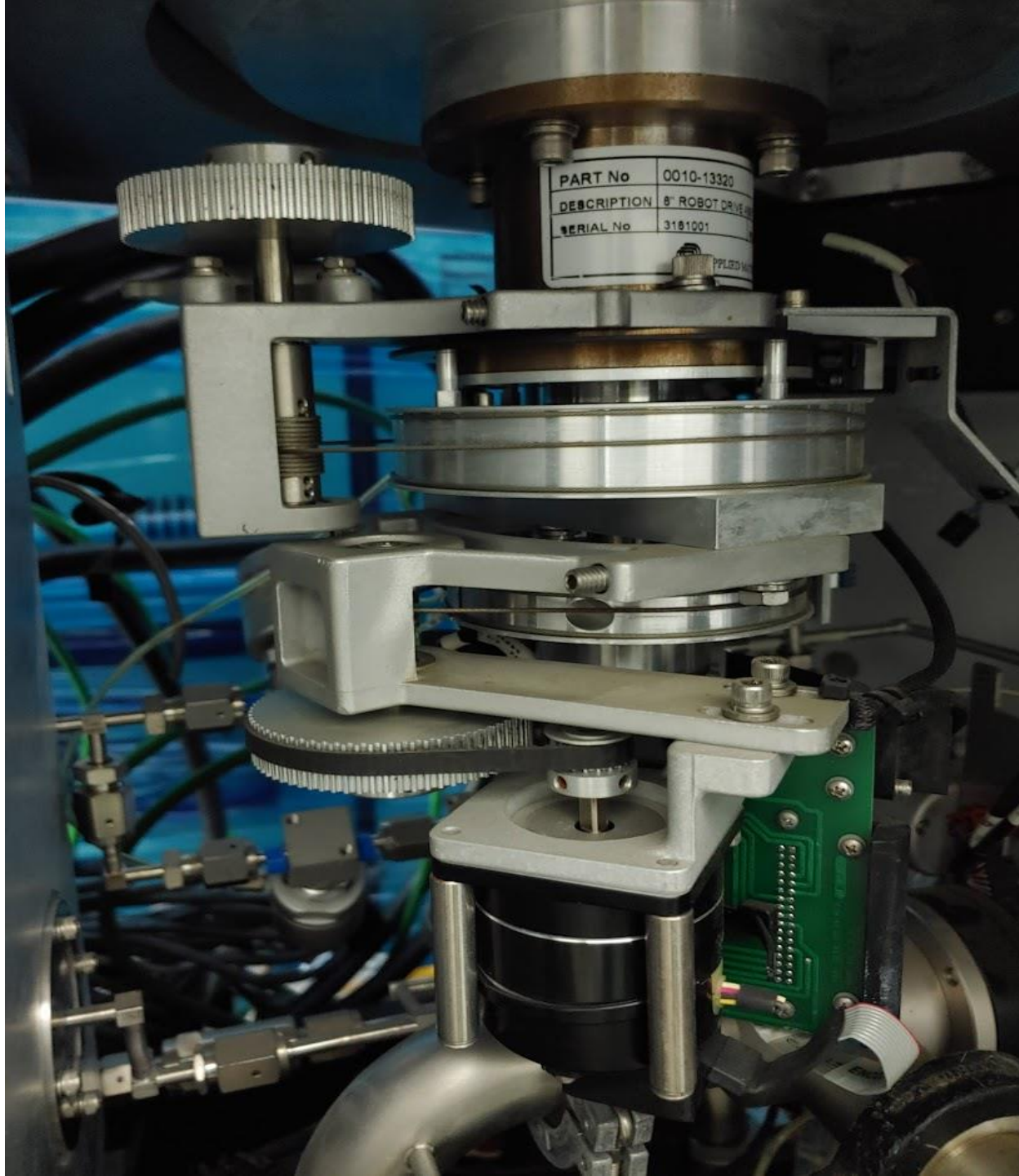
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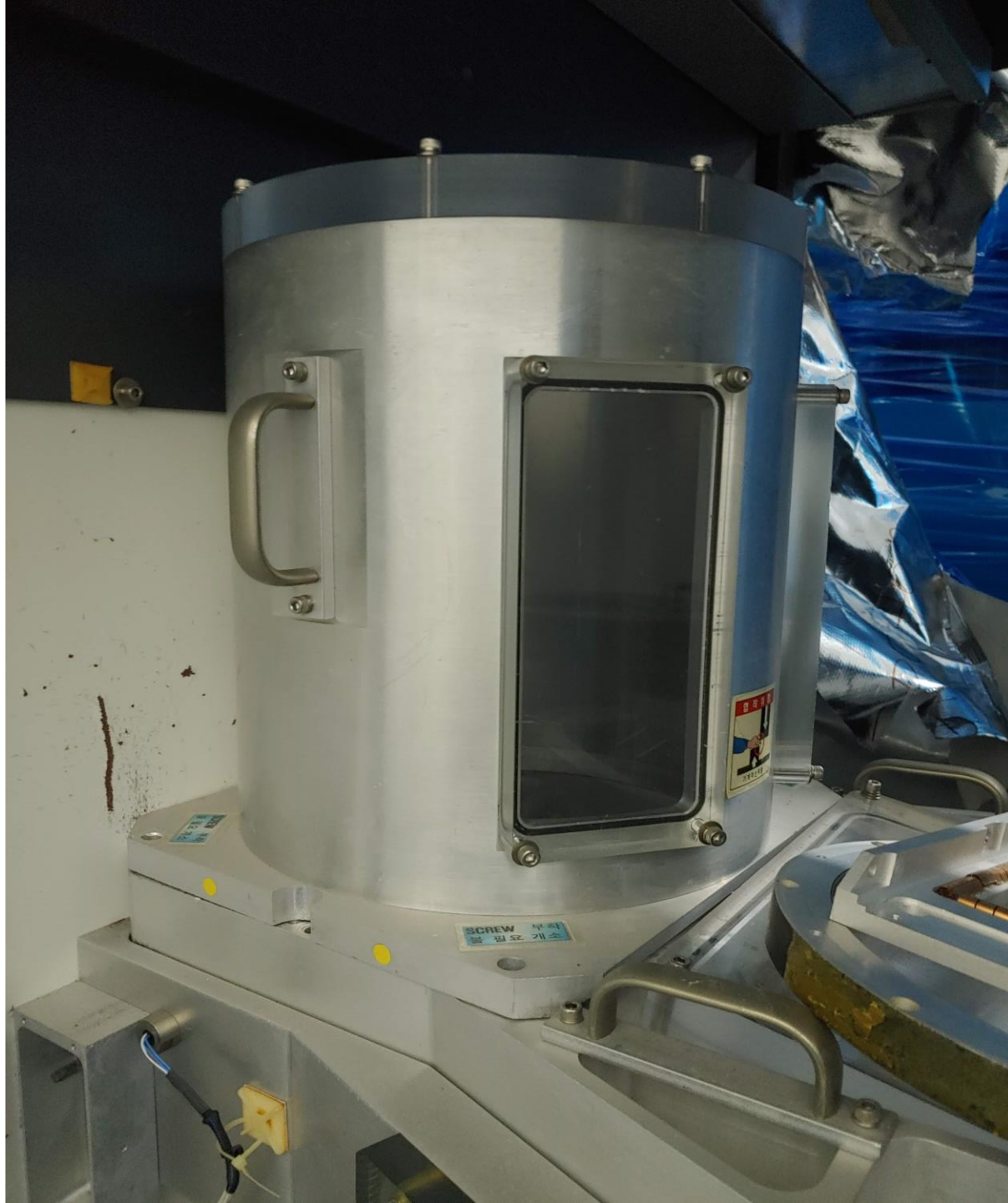


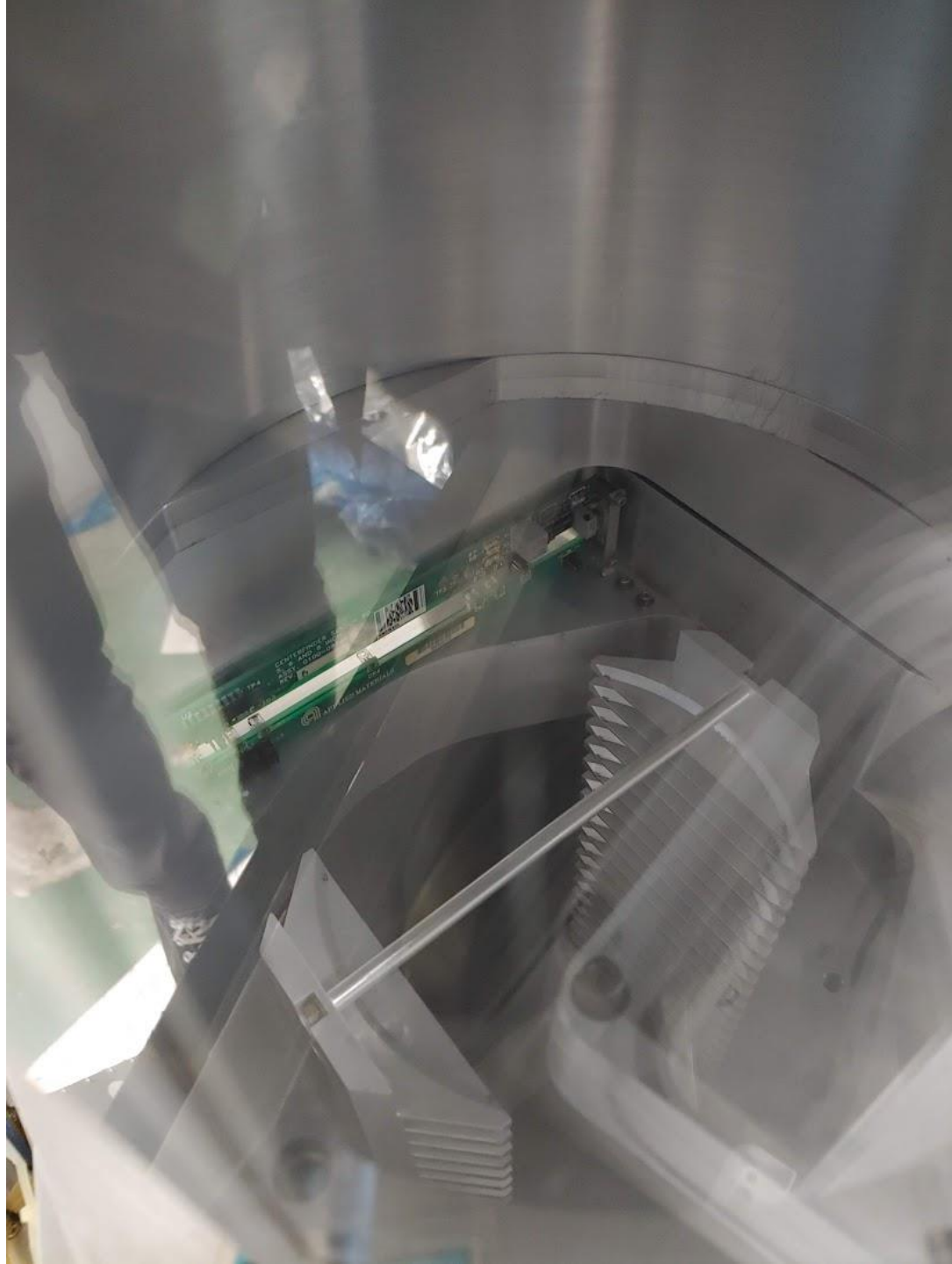






PART No	0010-13320
DESCRIPTION	8" ROBOT DRIVE
SERIAL No	3181001







SERIAL No. 21694-01



PART No. 0010-70064



REV W

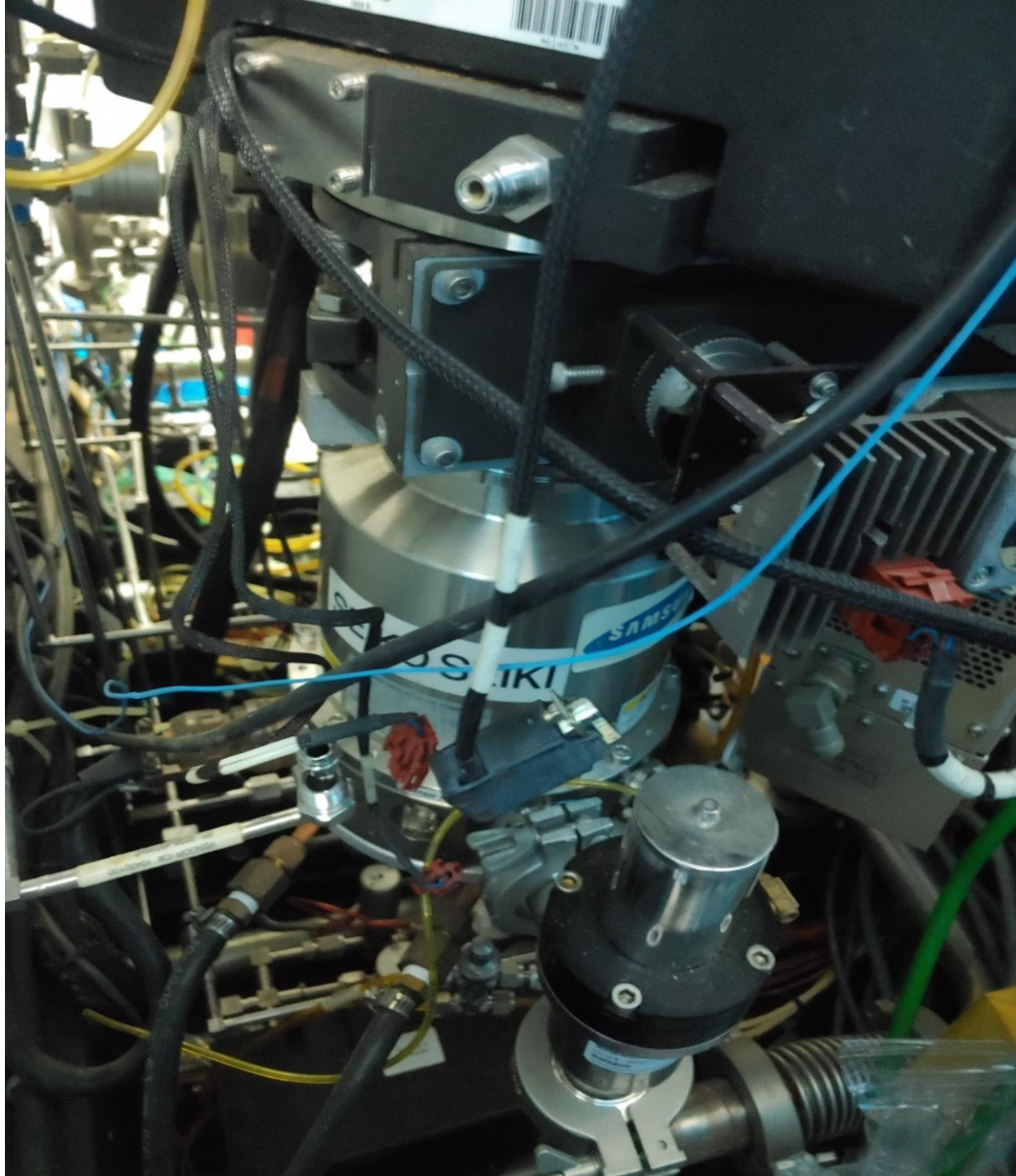


470-TR

5000 CLEANROOM
LOADLOCK CHAMBER



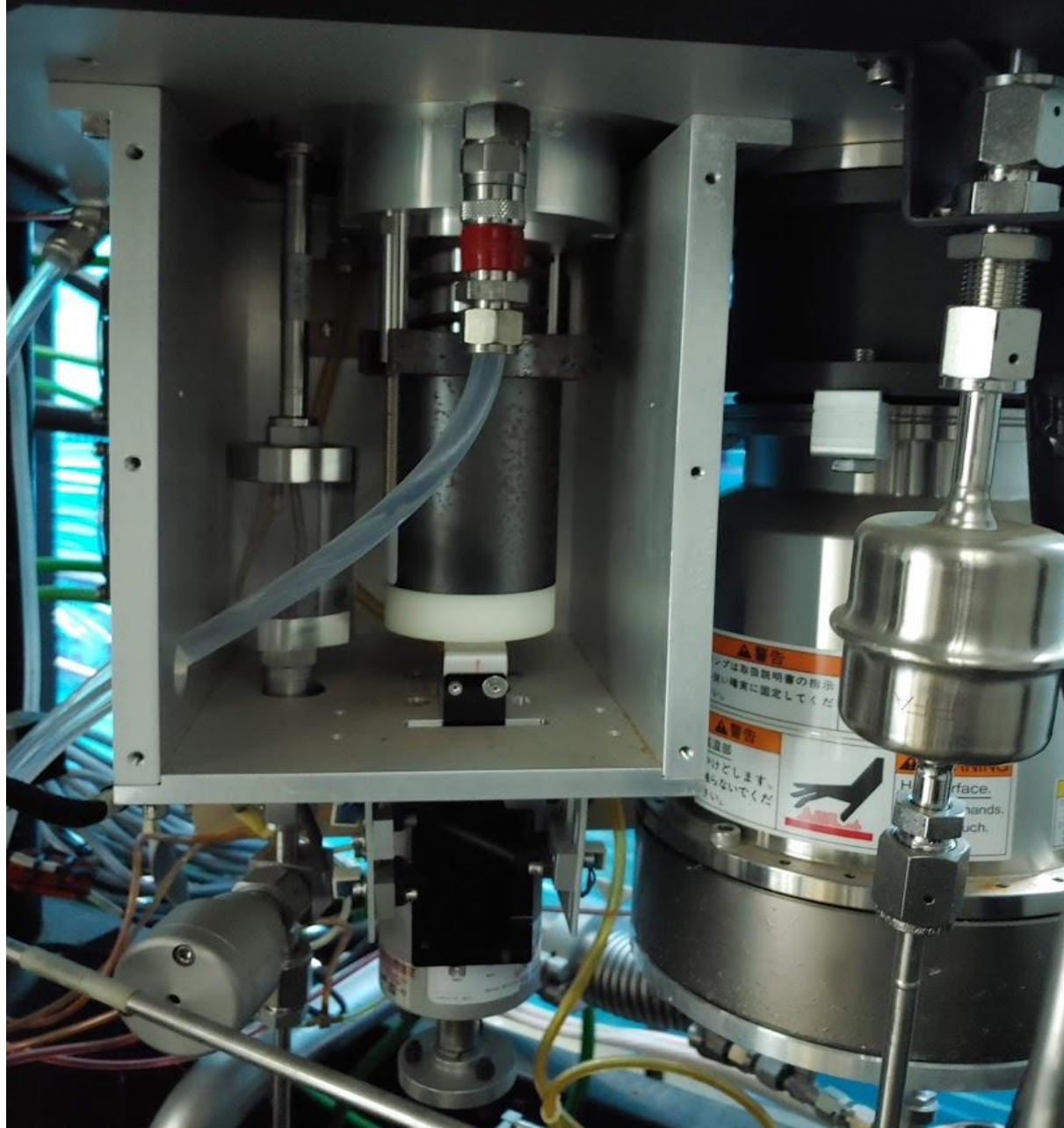
AMET



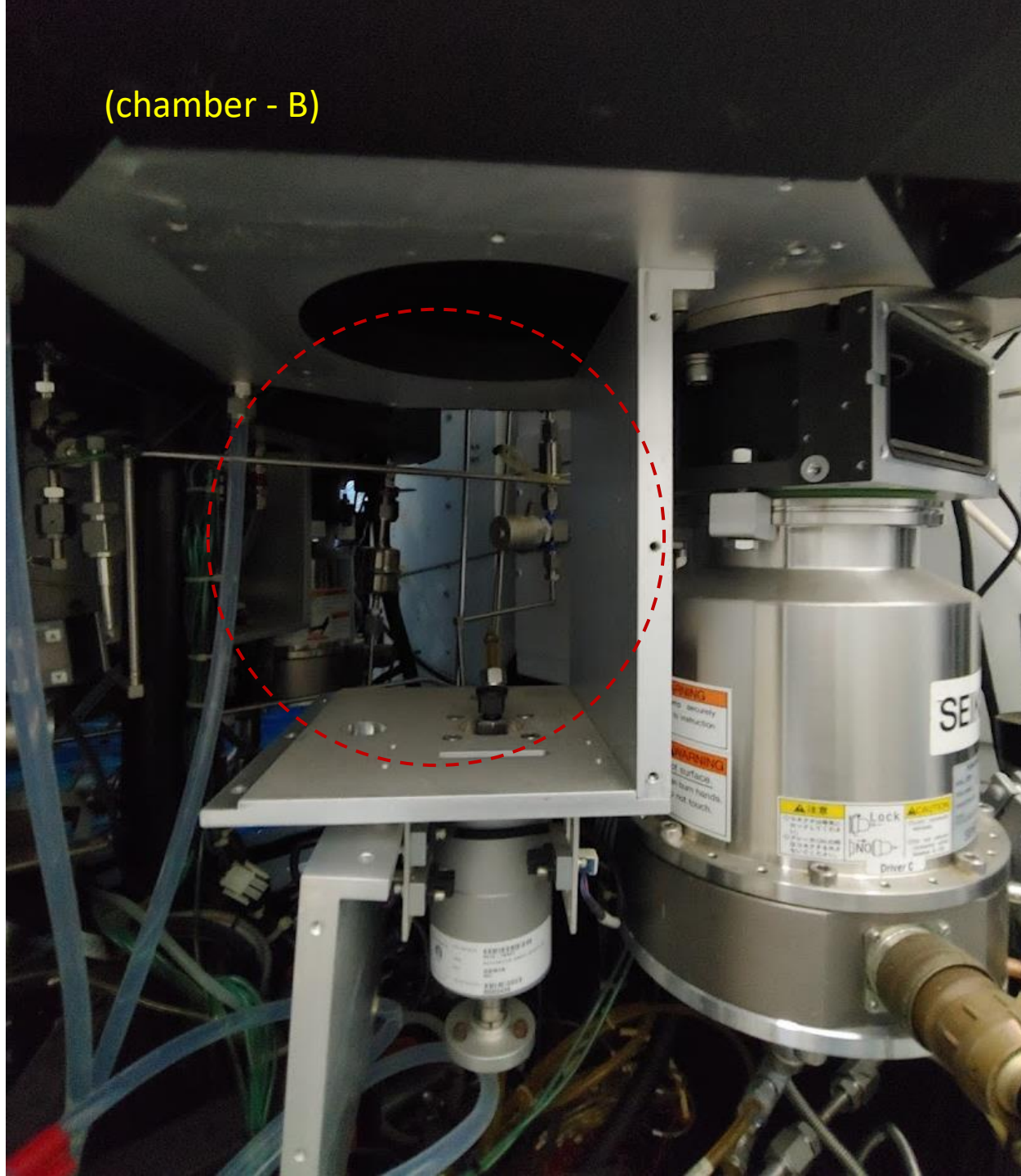




(chamber - A)



(chamber - B)





Part Number 0010-76307
Desc ACTUATOR ASSY SPUTTER
Rev 001
Serial Number 0503406



SEIKO SEIKI

TURBOMOLECULAR PUMP

MODEL STP-301C01

SERIAL NUMBER 2182015973

MANUFACTURING DATE 98.2

WEIGHT 11

MANUFACTURED BY SEIKO SEIKI CO., LTD.

SEIKO SEIKI

Sensor C

CAUTION

Lock

CAUTION

Lock connector

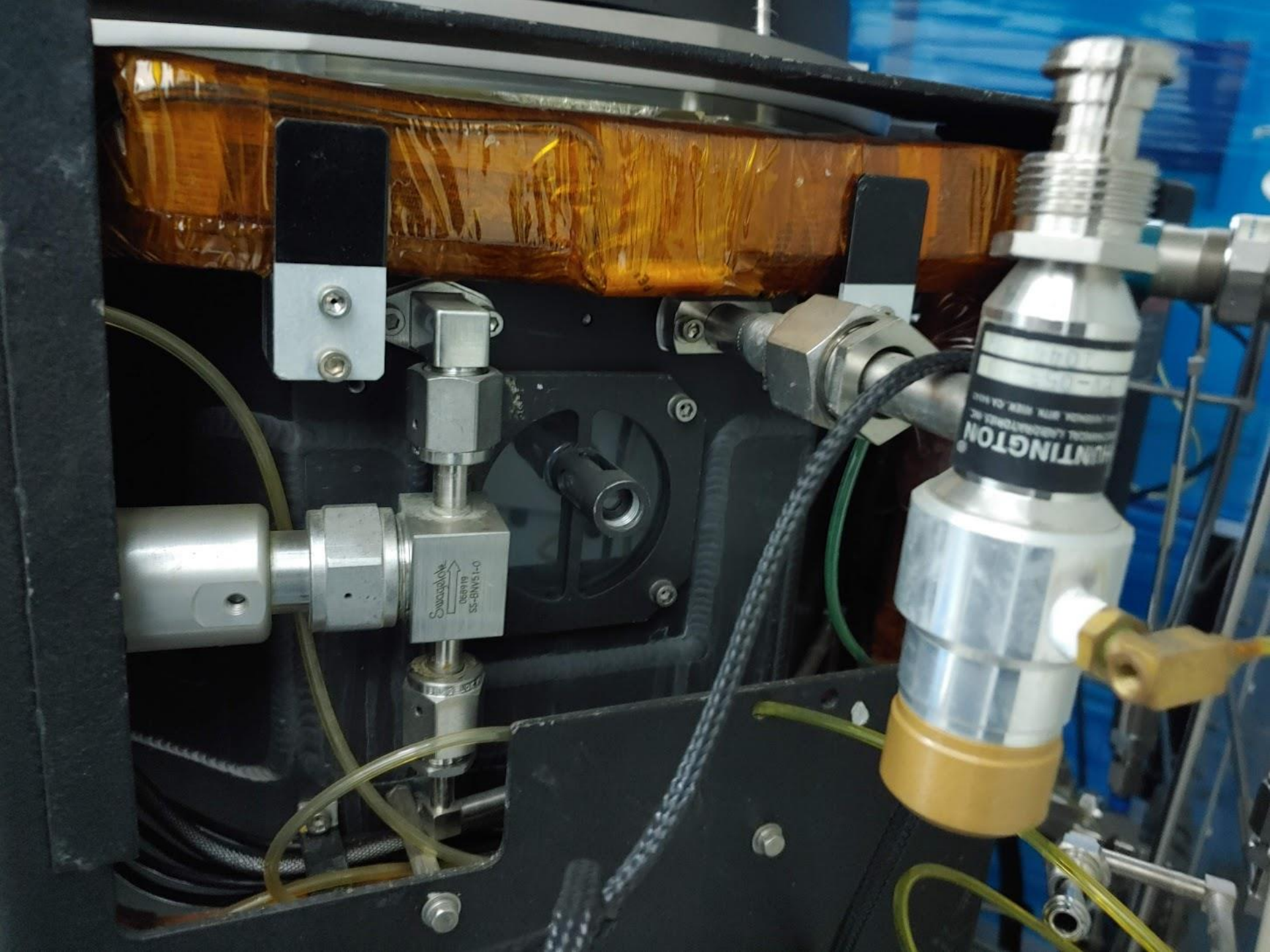
securely

Do not remove

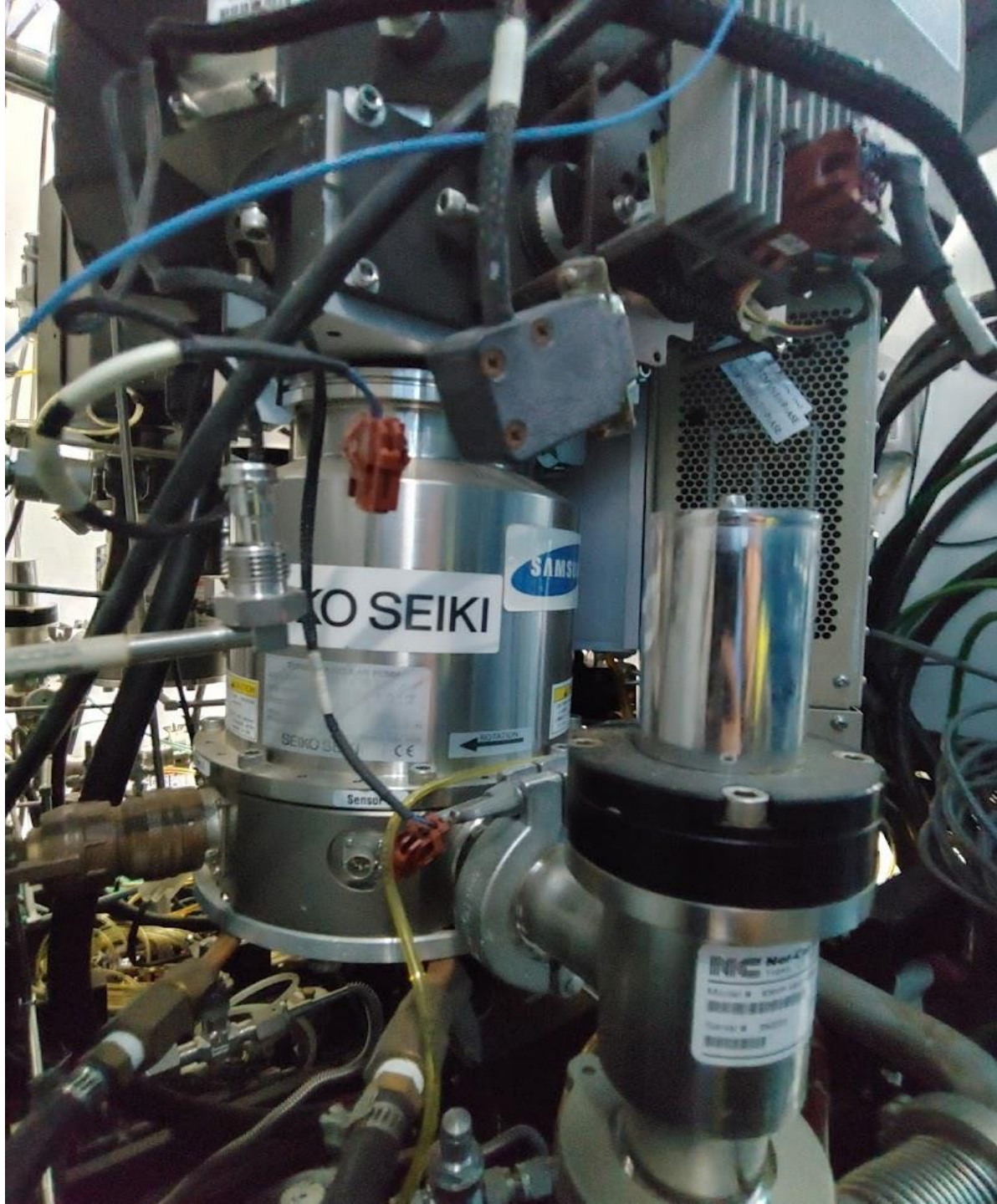
connector while

breaker is ON.

Driver C









SEIKO SEIKI

TURBOMOLECULAR PUMP

MODEL: STP- 301CB1

SERIAL NUMBER: 21S29H5972

MANUFACTURING DATE: 98.2

WEIGHT: 11 Kg

MANUFACTURED BY: Seiko Seiki Co., Ltd.
Yashiki Narashino Chiba, JAPAN

SEIKO SEIKI

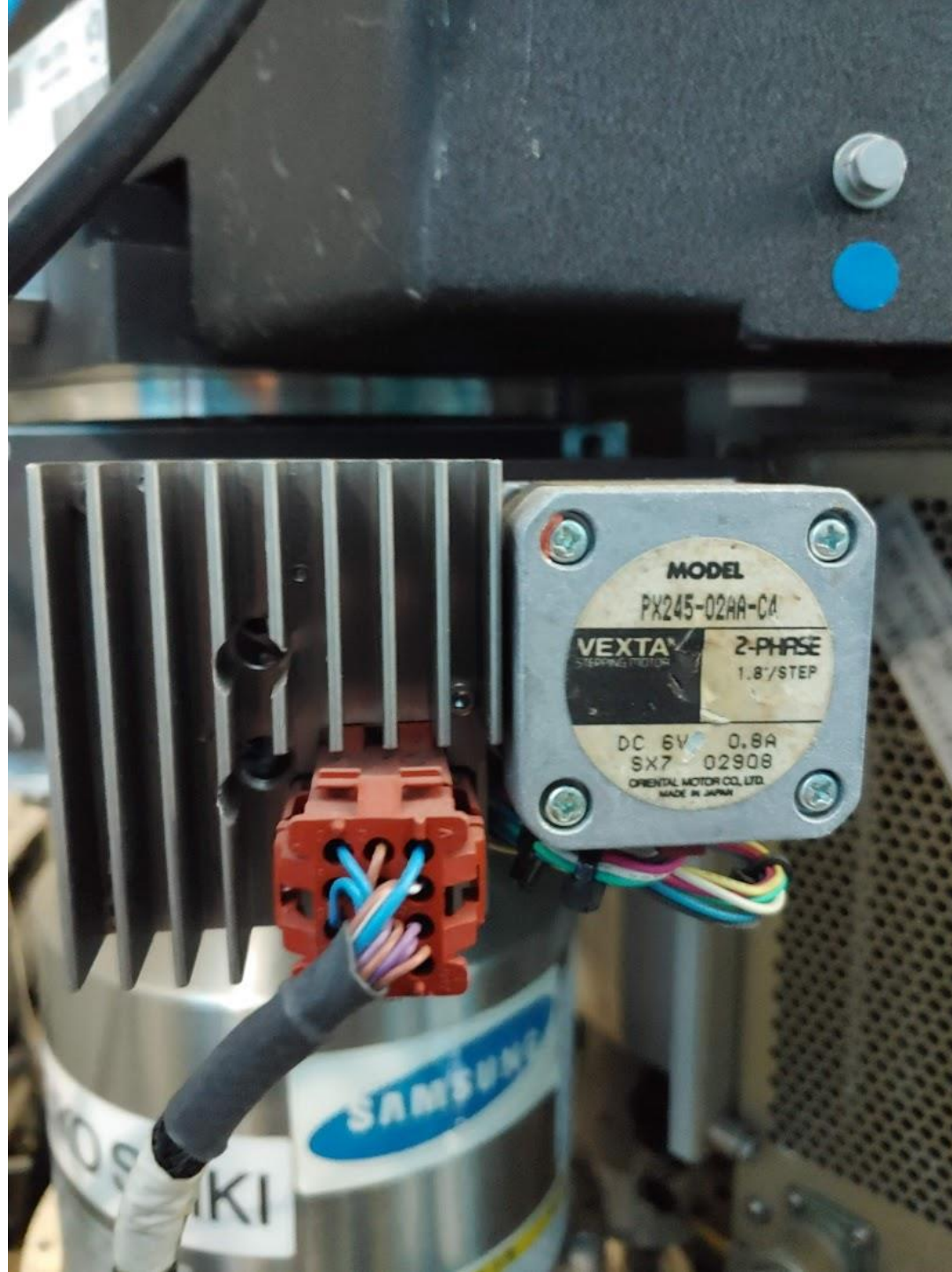
CE

Sensor C

TION

connector

remove
or while
is ON.





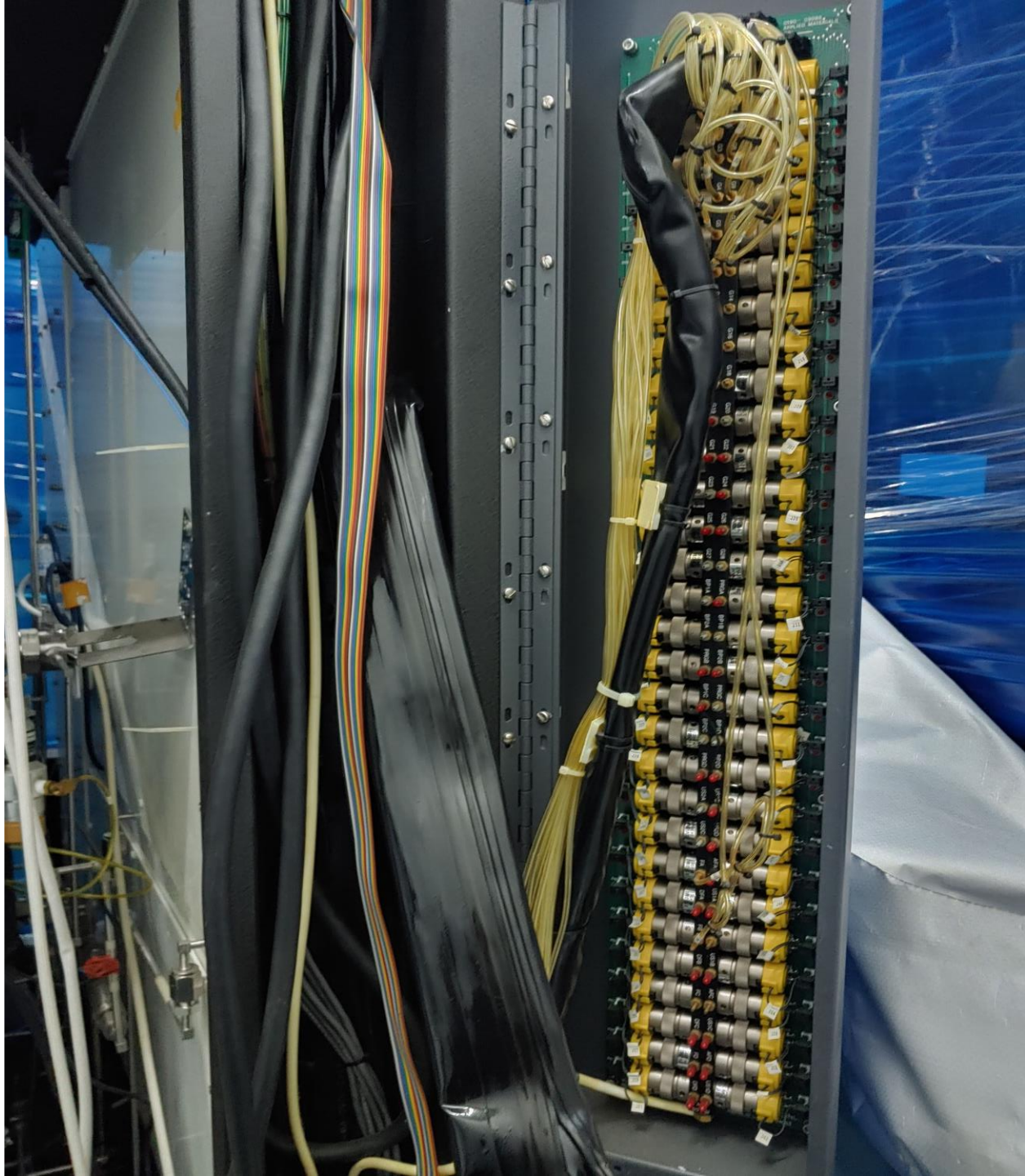
NO ADJUSTMENT/PHASE



NO ADJUSTMENT/PHASE







SENSITIVE COMPONENTS. HANDLE ONLY
WITH PROPER ESD PROTECTION.

CAUTION
TURN OFF SYSTEM POWER BEFORE
REMOVING CIRCUIT BOARDS

+12V

VOLT ADJ

DC ON

LIS-31-12
12V±5%
1.25A @ 40°C

LAMBDA
Electronics Inc.

+15V

VOLT ADJ

DC ON

LIS-71-15
15V±5%
5.0A @ 40°C

LAMBDA
Electronics Inc.

-15V

VOLT ADJ

DC ON

LIS-71-15
15V±5%
5.0A @ 40°C

LAMBDA
Electronics Inc.

BUFFER I/O

AI MUX

OPTO

OPTO

BUFFE I/O

AI MUX

OPTO

OPTO

3 A4

7 A6

B1 B0

B3 B2

B5 B4

B7 B6

B OFFSET

A OFFSET

THRESHOLD

A B

T COM

A B

+24

1

2

3

4

5

6

7

8

9

10

11

12

13

14

+24

1

2

3

4

5

6

7

8

9

10

11

12

13

14

R

60V D.C.

24V D.C.

A

B

Ø 1

Ø 2

Ø 3

Ø 4

OVERLOAD

RESET

60V D.C.

12V D.C.

5V D.C.

COMMON

Digiplan
STEPPING MOTOR DRIVE

AM5

Parker

E

60V D.C.

24V D.C.

A

B

Ø 1

Ø 2

Ø 3

Ø 4

OVERLOAD

RESET

60V D.C.

12V D.C.

5V D.C.

COMMON

Digiplan
STEPPING MOTOR DRIVE

AM5

Parker

CHOPPER DRIVE

EXTENSION

24

60

A

B

Ø 1

Ø 2

Ø 3

Ø 4

+5

+12

+60

COM

CHOPPER DRIVE

24

60

A

B

Ø 1

Ø 2

Ø 3

Ø 4

+5

+12

+60

COM

I/O

BUFFE
I/O

AI MUX

5 A4
7 A6
B1 B0
B3 B2
B5 B4
B7 B6

B OFFSET

A OFFSET

THRESHOLD

A B
T COM
A B

OPTO

OPTO

+24

+24

1
2
3
4
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14

1
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13
14

A B

A B

60807-068

CHOPPER DRIVE

CAUTION
THIS PANEL CONTAINS ELECTROSTATIC SENSITIVE COMPONENTS. HANDLE ONLY WITH PROPER ESD PROTECTION.

CAUTION
TURN OFF SYSTEM POWER BEFORE REMOVING CIRCUIT BOARDS

Panel with various components and labels:

- Left Side:** Labels for **TEST**, **FAIL**, **RUN**, **VGA VIDEO**, and **EXT** (with **EXT** and **INT** indicators).
- Center Section:** Four vertical modules labeled **STEPPER**. Each module has **COM** and **PROGRAM RUN** (A, B, C, D) indicators. Below them are **STEPPER CONT** modules.
- Right Section:** Eight vertical modules labeled **DI/O**. Each module has **PVR HB** and **DI/O** indicators. Below them are **DI/O** modules.
- Bottom Section:** **ALARM** section with **L1**, **L2**, **L3** indicators. **FUSE** section with **F1**, **F2**, **F3** indicators. **FAN** section with **FAN1**, **FAN2**, **FAN3** indicators.

LEVEL CONTAINS ELECTROSTATIC
TIVE COMPONENTS. HANDLE ONLY
WITH PROPER ESD PROTECTION.

CAUTION
TURN OFF SYSTEM POWER BEFORE
REMOVING CIRCUIT BOARDS

AI A0 VIDEO A0 AI STEPPER STEPPER STEPPER STEPPER DI/D0 DI/D0 DI/D0 DI/D0 DI/D0 DI/D0 DI/D0

TEST
FAIL
RUN

200#
03

원래

VGA VIDEO



핀 1

COM COM COM COM

PROGRAM RUN PROGRAM RUN PROGRAM RUN PROGRAM RUN

A B C D A B C D A B C D A B C D

0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23

STEPPER CONT STEPPER CONT STEPPER CONT STEPPER CONT

DI/O DI/O DI/O DI/O DI/O DI/O DI/O

PWR HB PWR HB PWR HB PWR HB PWR HB PWR HB PWR HB

24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47

24V 24V 24V 24V

FAN1 FAN2 FAN3

EPO407

CH#A



KB KB KB KB KB KB

QF3

QF4

QF2

AR

QF2

QF2



CHF3



CF4



O2



AR



O2



N2SD

DISPLAY
3

LR300

SPAN RADIO TEXAS USA

ALARM
SILENCE

CHANGE
MODE

NEXT
STEP

CHANNEL
DISPLAYED

ENTER

PREVIOUS
STEP



단순지시용계기
INDICATE ONLY

DISPLAY
6

DISPLAY
2

LR300

SPAN

LR300

DISPLAY
5

DISPLAY
4

DISPLAY
1

LR300

SPAN

LR300

LR300

LR300

DISPLAY
1



단순지시용계기
INDICATE ONLY

DISPLAY
4



LR300

SPAN PLANO, TEXAS USA



단순지시용계기
INDICATE ONLY

DISPLAY
5



INDICATE ONLY



단순지시용계기
INDICATE ONLY



SELECT

ACCEL. NORMAL BRAKE
POWER FAILURE REMOTE
ON

SEIKO SEIKI

STP CONTROL UNIT
STP-301CVB



START



STOP



RESET



단순지시용계기
INDICATE ONLY



SELECT

ACCEL. NORMAL BRAKE
POWER FAILURE REMOTE
ON

SEIKO SEIKI

STP CONTROL UNIT
STP-301CVB



START



STOP



RESET

CH#A

CH#B

CH#A



설비 발열(육안) 점검 확인 STICKER >

점검일자	2001. 2. 27	200	200	조치일자
(℃)	28			
내 용				

▶ 발열 판정기준 : 불량 70℃이상 or 10℃이상 온도편차 발생시
 ▶ 점검자 : 전기그룹 PROBEYE 분임조 (☎ 5900) 점검주기 : 2년

YEAR 2000
READY

 APPLIED MATERIALS®


03835



위험

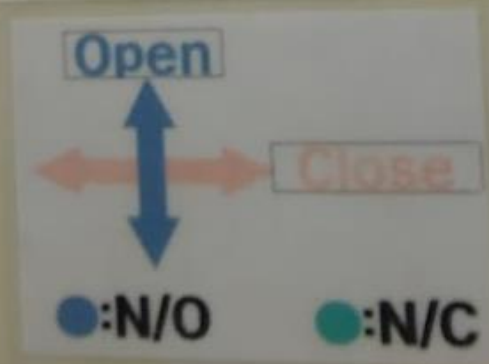
감전주의

AC208V

MAIN

DISCONNECT

설비 Code	EPO017
설비반입일	1994.09.24
Serial No.	6726
담당 SDWT	E0 SDWT
담당자	안재수/신재성
연락처	☎ 5785



위험
감전주의



위험

감전주의



TPG 407 3A (5W)
SHAW-WALKER S.A. (제조사) 3A 208V 100A
SHAW-WALKER TPG 407 MAIN AC BOX
제조사 SHAW-WALKER 지사 (제조사) 3A 208V 100A
제조사 SHAW-WALKER 지사 (제조사) 3A 208V 100A
제조사 SHAW-WALKER 지사 (제조사) 3A 208V 100A

MACHINE
CIRCUITS
ON



POWER
OFF



비상정지스위치



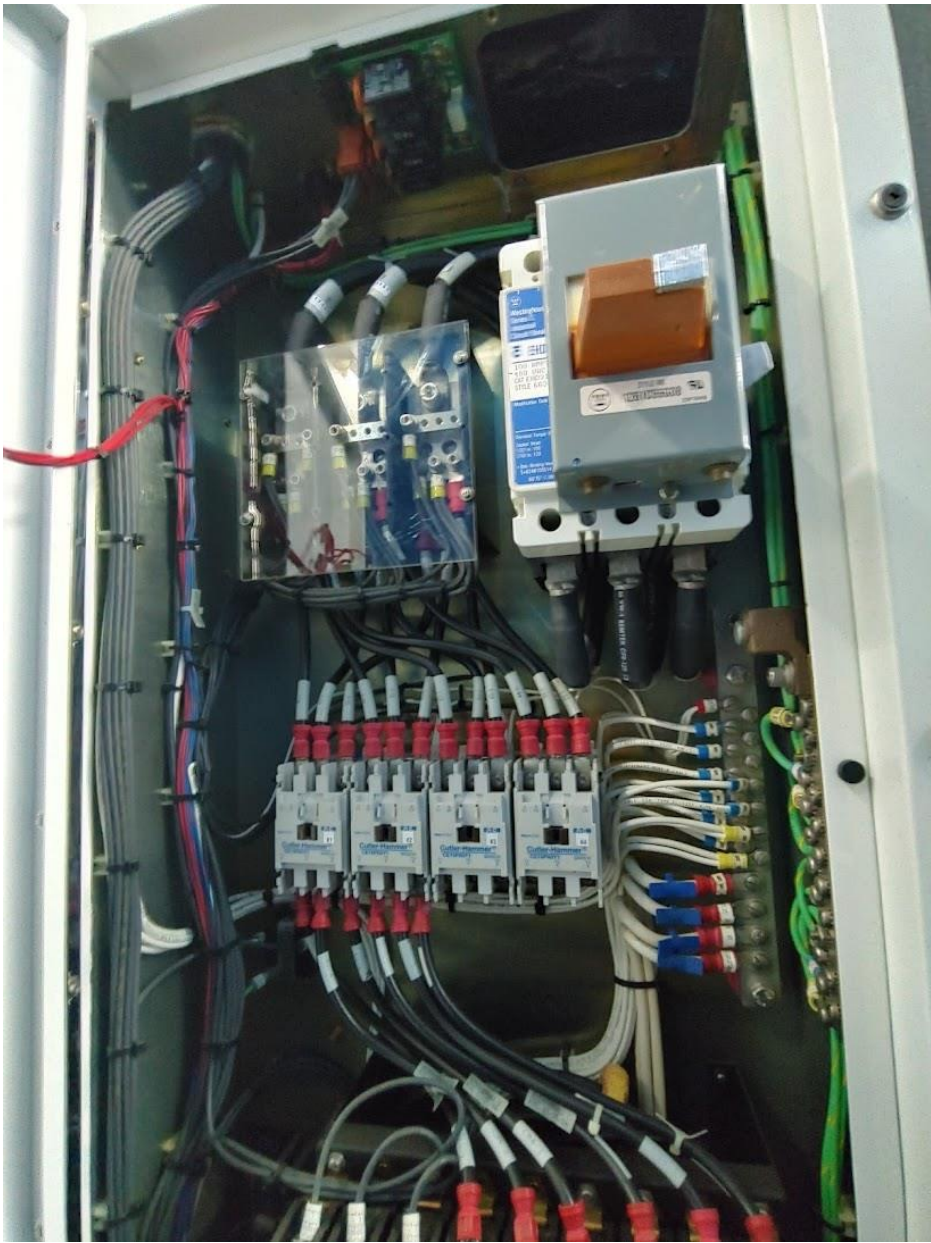
WARNING



**HAZARDOUS VOLTAGE
INSIDE**

208 VOLTS.
CONTACT MAY CAUSE
SERIOUS INJURY OR DEATH.
TURN OFF POWER BEFORE
SERVICING. SEE MANUAL
FOR INSTRUCTIONS.

CAUTION ⚡
HIGH VOLTAGE MAY BE PRESENT
WHEN SYSTEM IS SHUTDOWN
DISCONNECT UPS POWER IN
CABLE FROM AC BOX
TO TURN ALL BOX POWER OFF.





120V 15A
CONVENIENCE

VIDEO MON
10 AMP MAX

CBI
10 AMP

515 DC
CALIBRATOR

SYSTEM
MONITOR

CB1
15V

CB2
12V
5V

CB 1
46V

CB 2
±15V

CB 3
24V