



OXFORD
INSTRUMENTS

Plasmalab System 133

BOC EDWARDS

System

Process

Equipment Offline
Disabled/No Comms

Manager

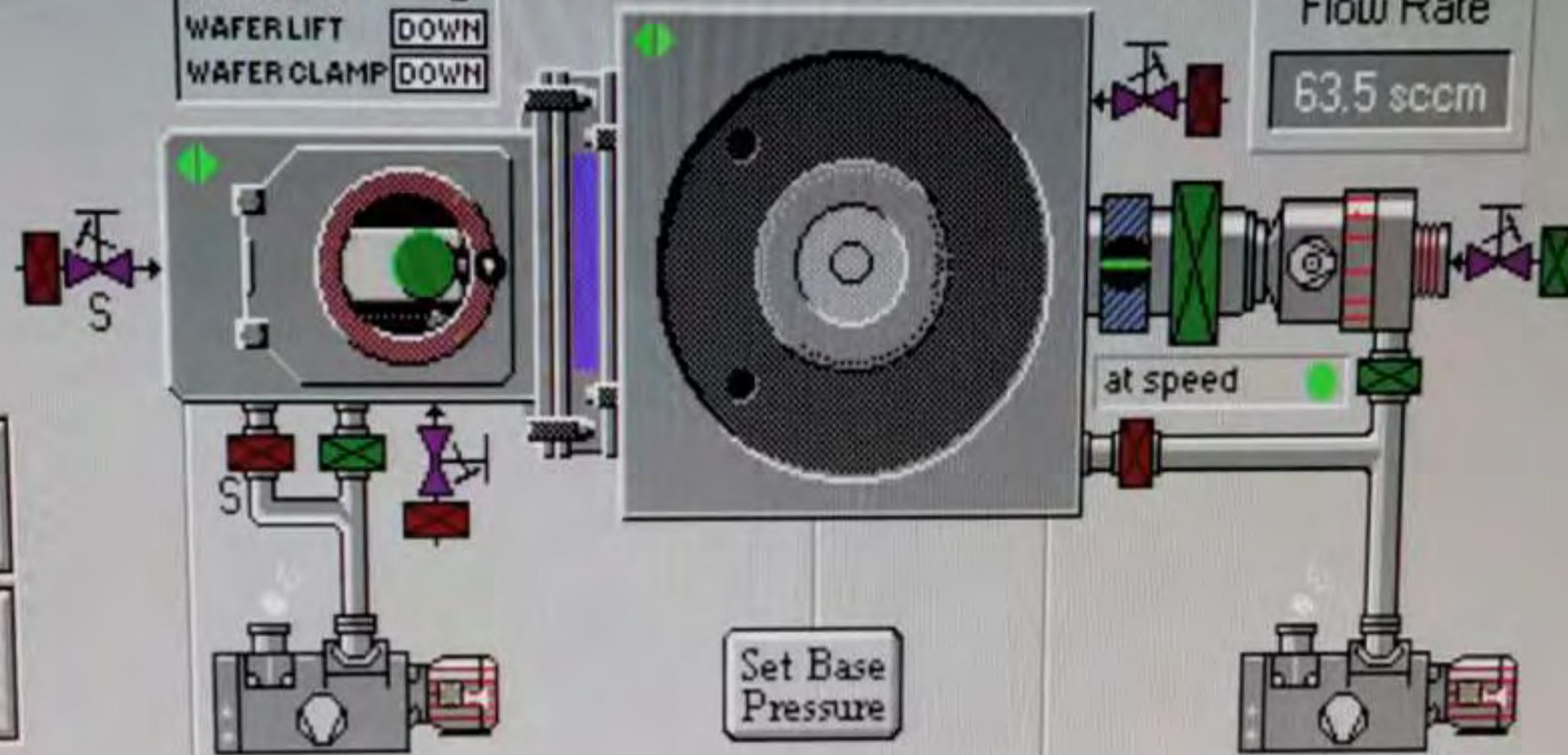
PUMP CONTROL

LOG

STOP ALL AUTO
PROCESSES

Load complete, wafer is in Loadlock

ARM HOME ●
ARM EXTENDED ○
ARMFAULT ○
WAFER LIFT DOWN
WAFER CLAMP DOWN



✓ Soft Pump

✓ Soft Vent

Evacuating Loadlock

Lid	CLOSED
Pirani	1.31e-02 Torr
Vent Time Left	0 secs
EVACUATE STOP VENT	

Base pressure reached

Lid	CLOSED
Process interlock	OK
Penning	2.38e-05 Torr
Cm gauge	0 mTorr
Vent Time Left	0 secs
EVACUATE STOP VENT	







Plasmalab System 133



ALCATEL

ACT 600T
S/N:AM05 38121



ACT 600T

ROL PANEL

ALCATEL

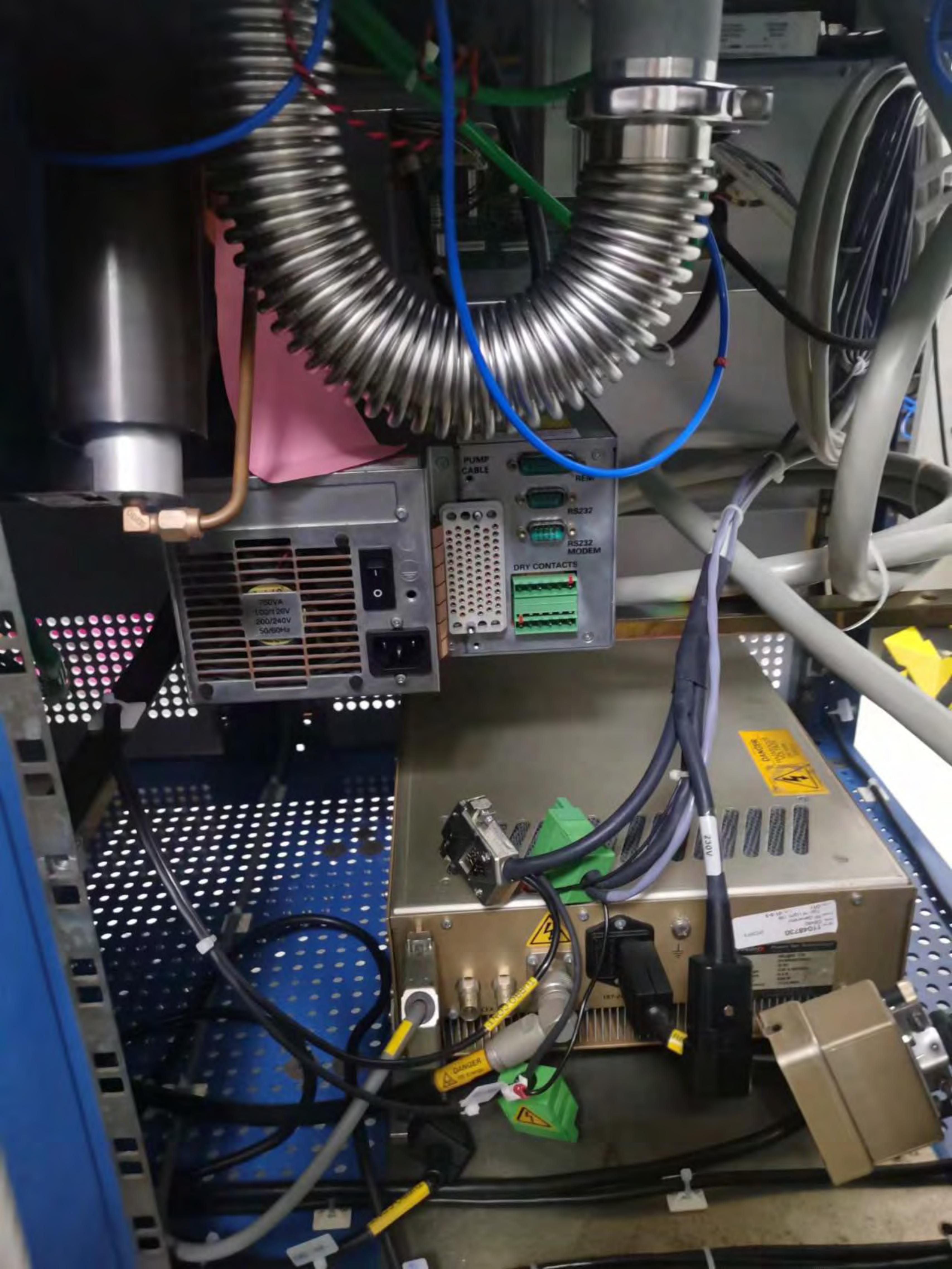
ACT 600M
S/N : A104481 F

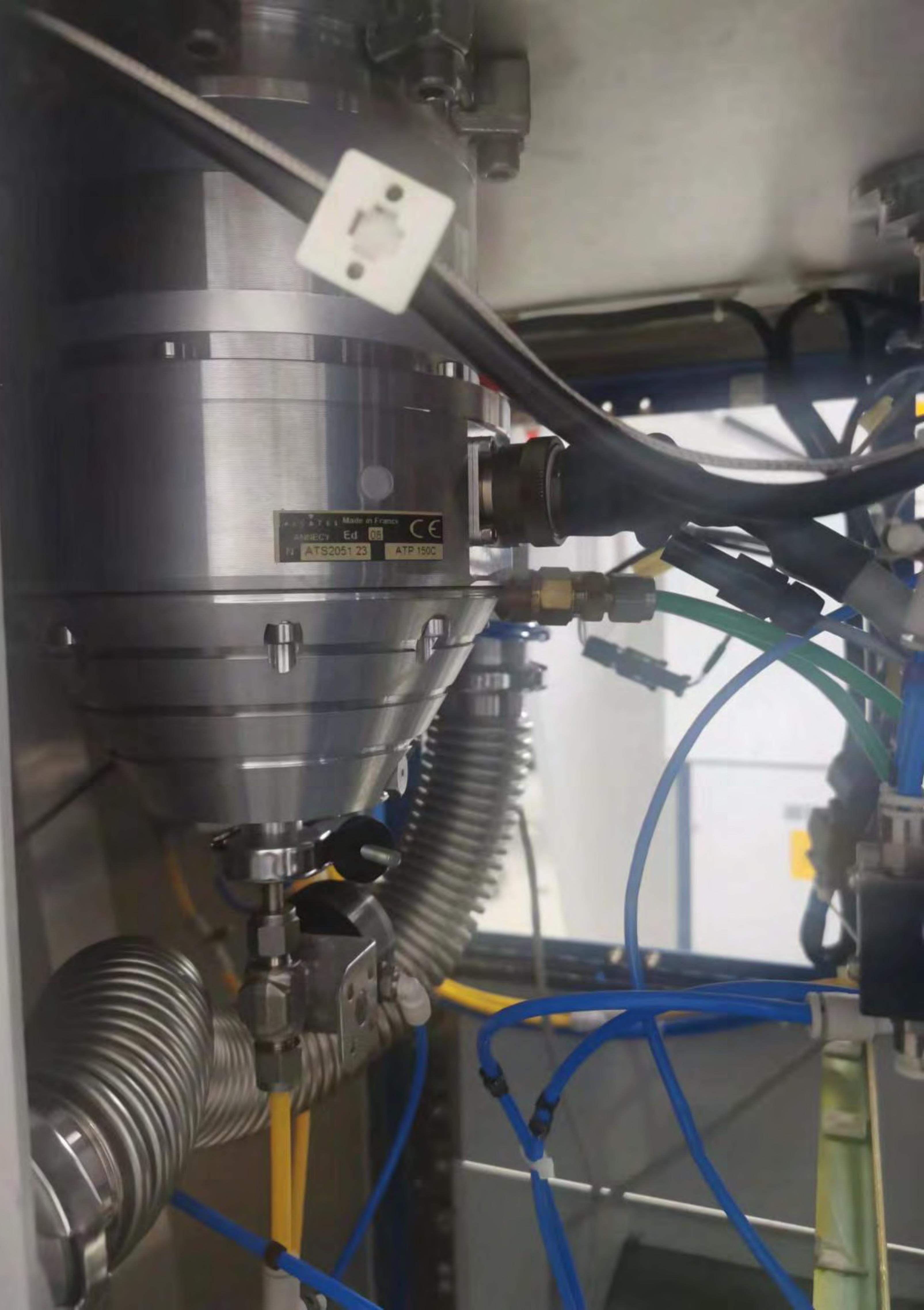
PREVIOUS - + ENTER
START STOP STATUS STAND BY

ACT 600 M

adiken

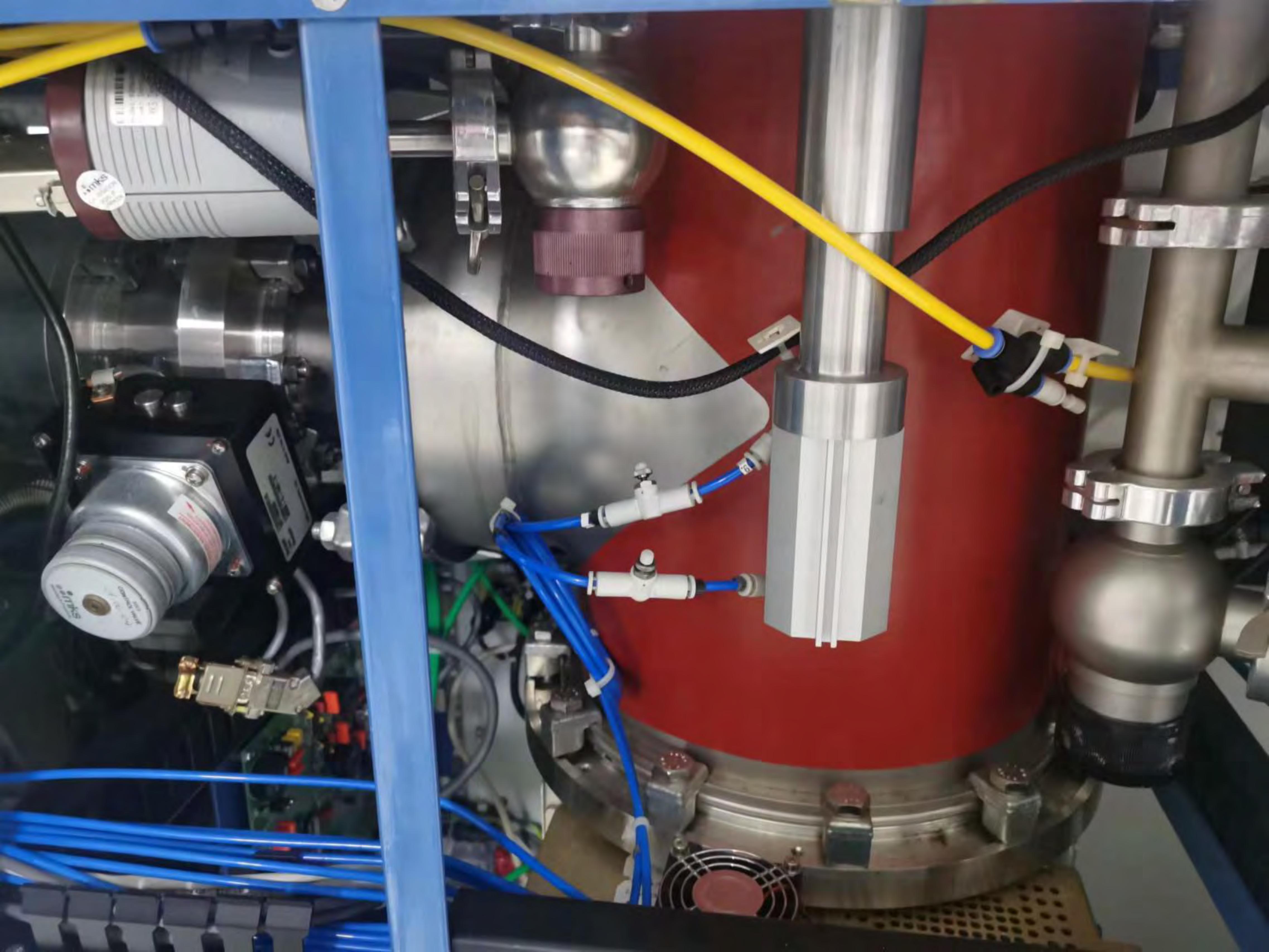
ATP_150

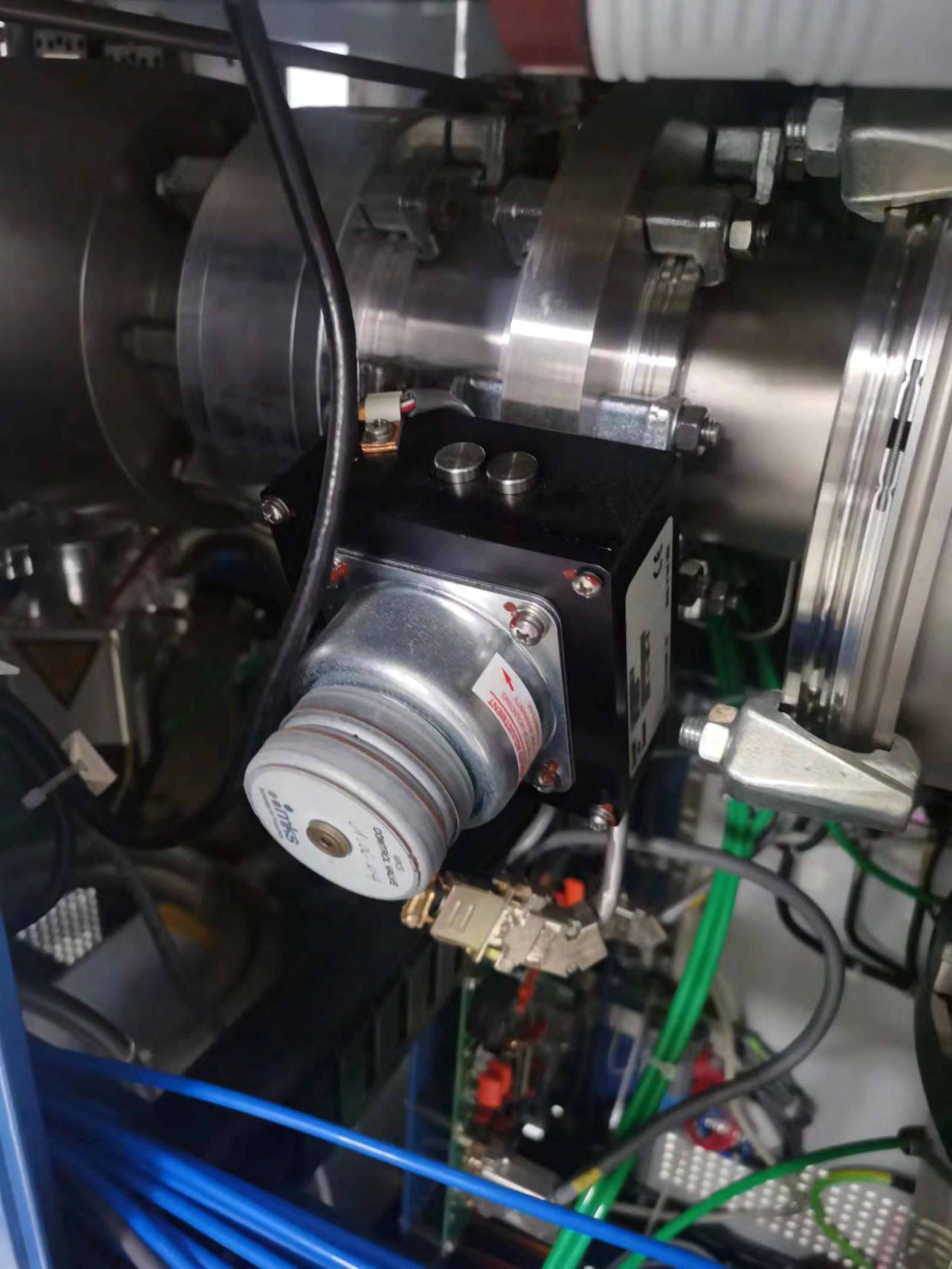






VIA





Vacuum Interlock
S/N D059 14 000
Set Point 0204016
Max. Pressure 600
115-250V 1 Bar C.C
50/60Hz Gauge
EDWARDS

ACTIVE GAUGE
KIN-1-9925 0.01-200 mPa
P/N 54000010
VER. SET
THIS
Gauge
EDWARDS
UK LTD. 1998



SELECTOR

1	C1 (LCD)	C2 (LCD)
2	AMU 1 C1 POSITION RF1 FORWARD POWER RF1 SET POINT	AMU 1 C2 POSITION RF1 REFLECTED POWER RF1 HIGH/LOW POWER
3	RF2 FORWARD POWER RF2 SET POINT	RF2 REFLECTED POWER SPARE
4	AMU 2 C1 POSITION	AMU 2 C2 POSITION

ALL SIGNALS ARE 0-10V DC





WARNING

SYSTEM WORKS IN VACUUM

WARNING

GAS TYPE: CO₂-1000cm
MAX GATE PRESSURE: 4 bar

WARNING

GAS TYPE: CO₂-1000cm
MAX GATE PRESSURE: 4 bar

WARNING

GAS TYPE: H₂-1000cm
MAX GATE PRESSURE: 2.8bar

WARNING

GAS TYPE: CH₄-1000cm
MAX GATE PRESSURE: 1 bar

WARNING

GAS TYPE: Ar-1000cm
MAX GATE PRESSURE: 4 bar

WARNING

GAS TYPE: N₂O-1000cm
MAX GATE PRESSURE: 1 bar

WARNING

GAS TYPE: CO₂-1000cm
MAX GATE PRESSURE: 4 bar

WARNING

GAS TYPE: N₂O-1000cm
MAX GATE PRESSURE: 4 bar



CIRCUIT BREAKER DETAILS

OXFORD
INSTRUMENTS

Number	Designation	Amperage	Phase
CB1	Main Circuit Breaker	32A	Triple
CB2	PSU	6A	Single
CB3	Turbo Backing	2A	Single
CB4	RF Gen	10A	Single
CB5	Bakeout Collar	4A	Single
CB6	Turbo Controller	6A	Single
CB7	Loadlock Turbo Controller	2A	Single
CB8	Not Used	—	Single
CB9	Loadlock Heat	6A	Single
CB10	Chamber Heat	6A	Single
CB11	Pumpdown Heat	4A	Single
CB12	Not Used	—	—
CB13	Not Used	—	—
CB14	Not Used	—	—
CB15	Not Used	—	—
CB16	Not Used	—	—

FUSE DETAILS

Fuse 1	+15v	2.0A	(T)
Fuse 2	-15v	2.0A	(T)
Fuse 3	24v	3.15A	(T)

415 Volts

50/60 hz

415V 5.5 AMPS MAX

415V 6.0 AMPS MAX

415V 6.0 AMPS MAX



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CE

Serial Number :- 417728
Model Type :- SYSTEM 133 RIE
Frequency :- 50/60 Hz
Voltage :- 415 VAC 3 PHASE
Full Load Amps :- 25.6 Amps
Machine Main Breaker Rating :- 32 Amps
Ampere Rating of Largest Load :- 10 Amps
Interrupt Current :- 4500 A.I.C
Diagram No. :- SE91A19/52

SKT7

415V 5.5 AMPS MAX

415V 6.0 AM