



## MAINTENANCE TRACKING TOOL

### PETTRACE800

Date:2023-10-31

<b>Country:</b> Germany	<b>Site:</b> MUN
<b>Intervention:</b>	Programmed maintenance: UBM/CBM <input checked="" type="checkbox"/>
<b>Subsystems:</b>	

### PRE-MAINTENANCE

Registration Date: 2023-10-3100

Gas flow(sccm): 4.0

#### TPG Settings Verifications

	Low limit (x10-)	High limit (x10-)
<b>Piranni 1 (TPG300 A1):</b>	1.00E-1	7.00E-1
<b>Piranni 2 (TPG300 A2):</b>	7.00E-2	2.00E-1
<b>Penning:</b>	1.80E-5	3.00E-5

#### Notes

notes
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Gauge number	Pressure (x10-) without gas	Pressure (x10-) with gas
<b>A1 (mbar):</b>	0,0036	0,035
<b>A2 Under Range:</b>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
<b>A2:</b>		
<b>B1 (mbar):</b>	0,000000053	0,000012

#### System software

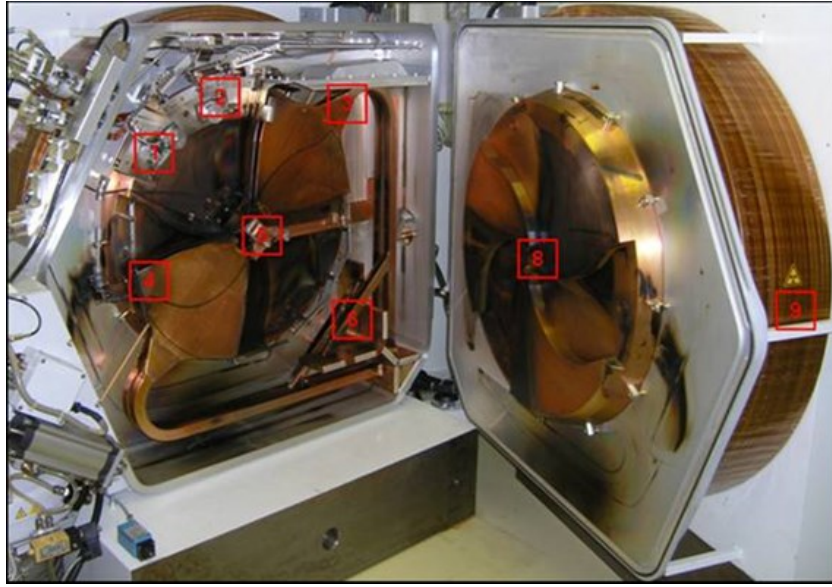
Subsystem	Version
<b>Master:</b>	3,6
<b>ACS:</b>	4.3.2
<b>Service System:</b>	3.6.0
<b>Manager:</b>	TSA
<b>Informix (only applicable to SUN-Master Station):</b>	NA

Comments

comment

Paper Burn Before PM

photo name 1



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**VACUUM**


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**TPG settings verifications**

Date: 2023-10-31

Production gas flow: 5.0

Piranni 1 (TPG300 A1)

Pressure with gas	Low limit (x10-)	High limit
1.00E+0	1.20E-3	1.70E-3

Piranni 2 (TPG300 A2)

Under range	Pressure with gas	Low limit	High limit
<input checked="" type="checkbox"/>	0.00E+0	1.80E-6	2.40E-6

Penning

Pressure with gas	Low limit	High limit
2.00E+0	2.60E-3	3.00E-2

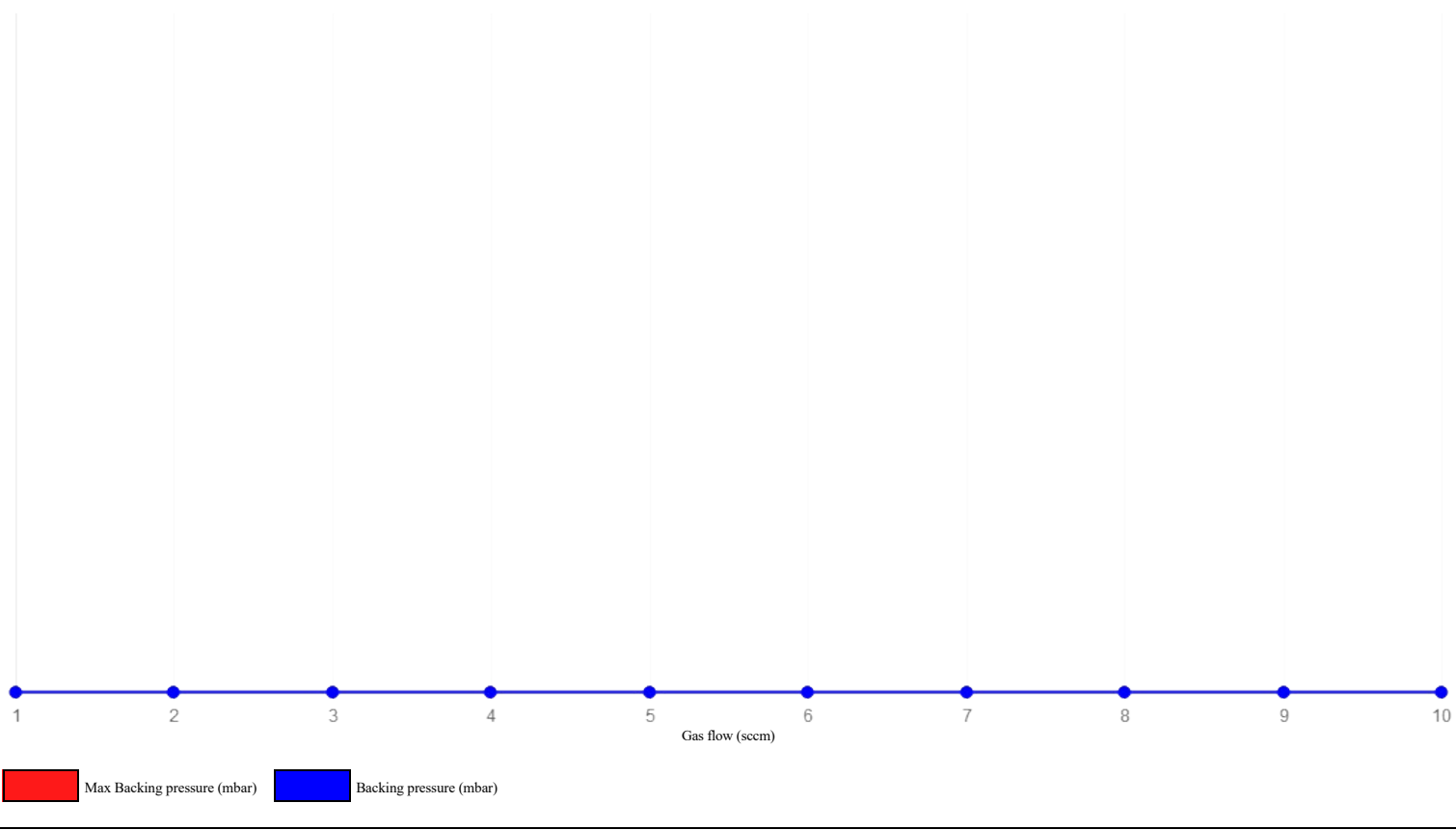
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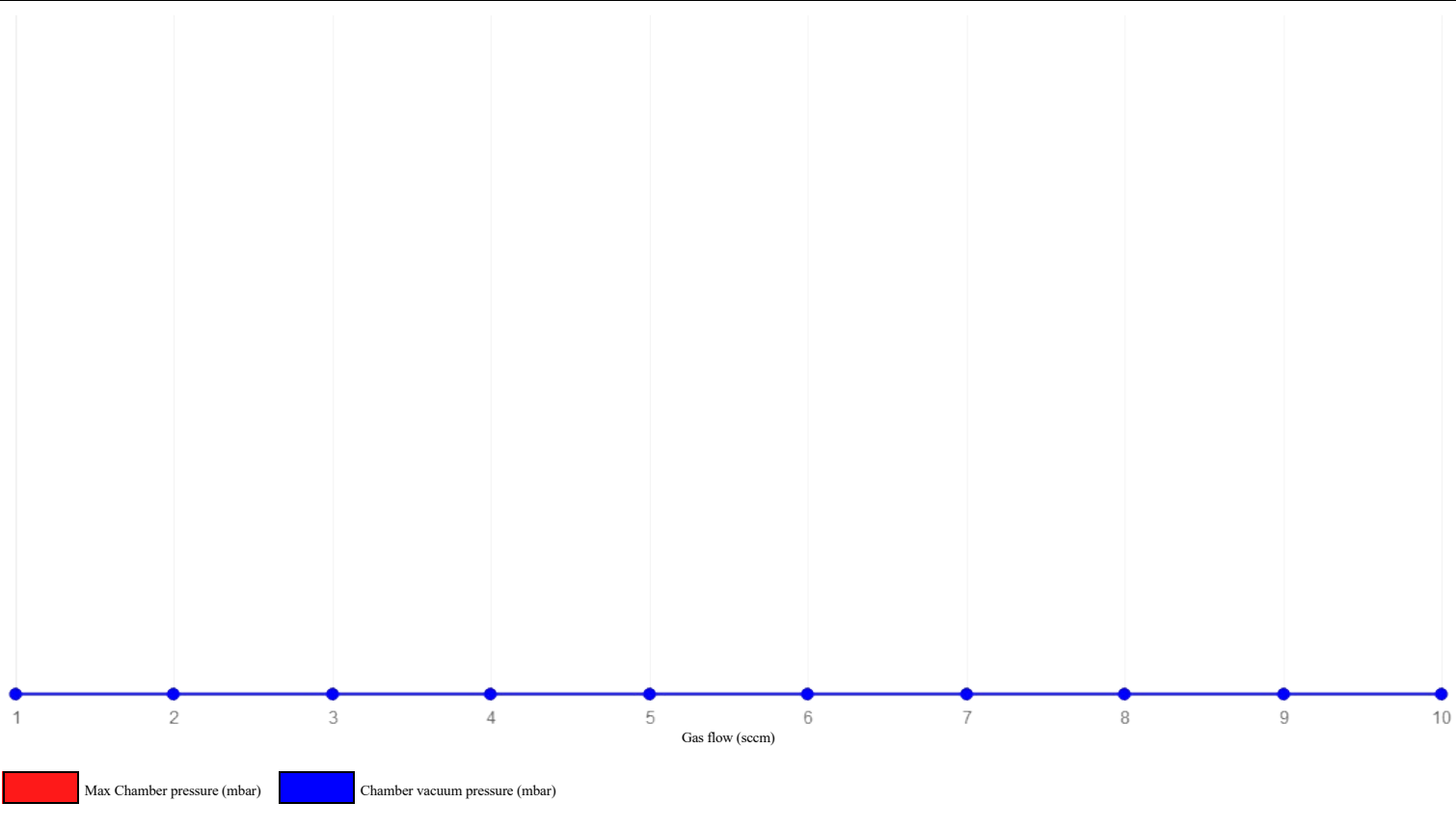
**Vacuum MFC curve test**

SCCM	Chamber pressure	Backing pressure
8	8.90E-6	2.70E-2

### Backing Pressure

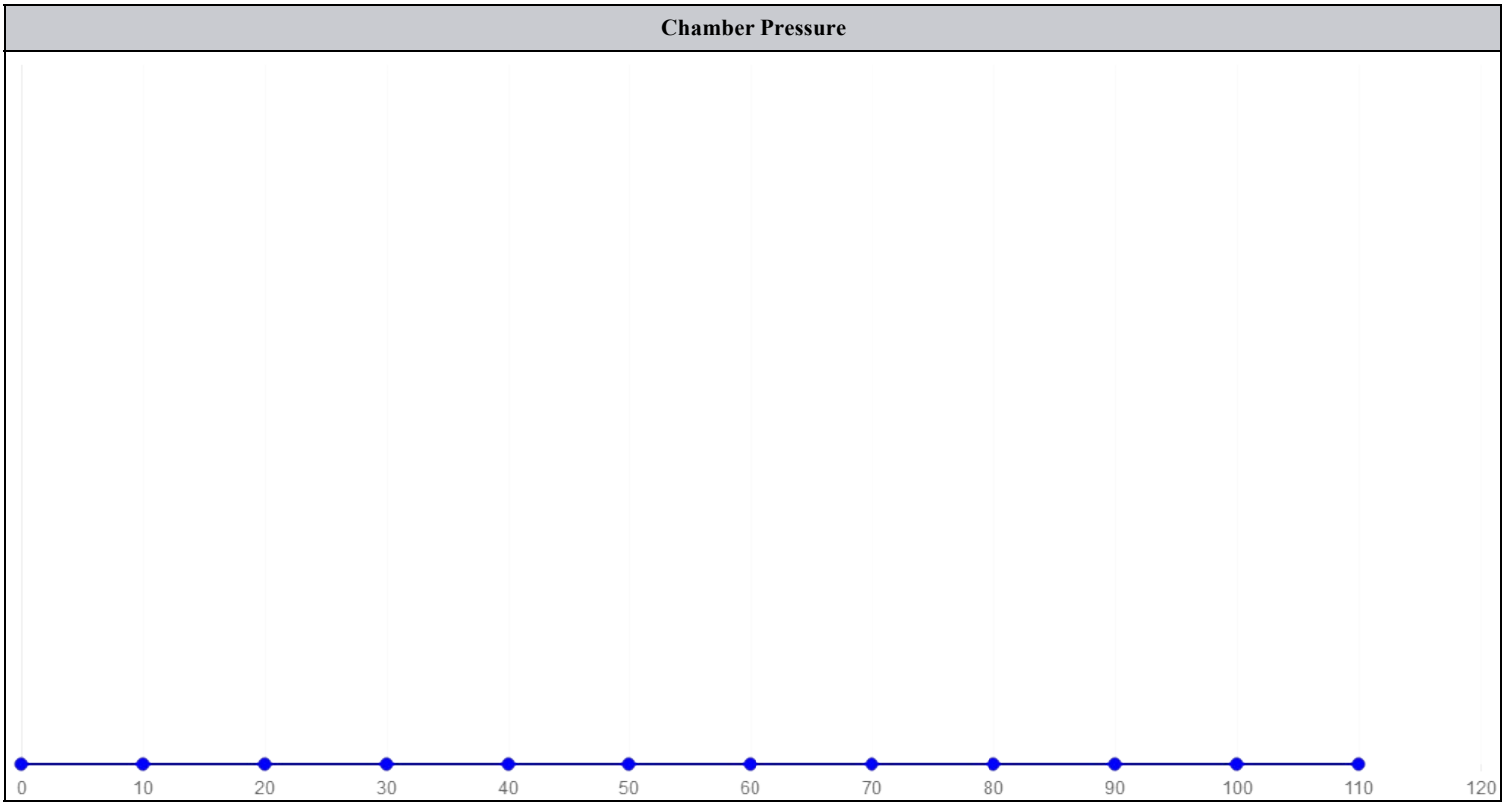


### Chamber Pressure



**Vacuum leak test**

Seconds since push standby	Chamber pressure	Max. Chamber pressure
90	2.70E-2	3.90E-06



**Diffusion pump & HVV timing**

TimeInto	HeatingTime	PumpingTimeBeforeOpenHVV	TimeToOpenHVV
Pump		11.0	

**RP & DP pump oil condition**

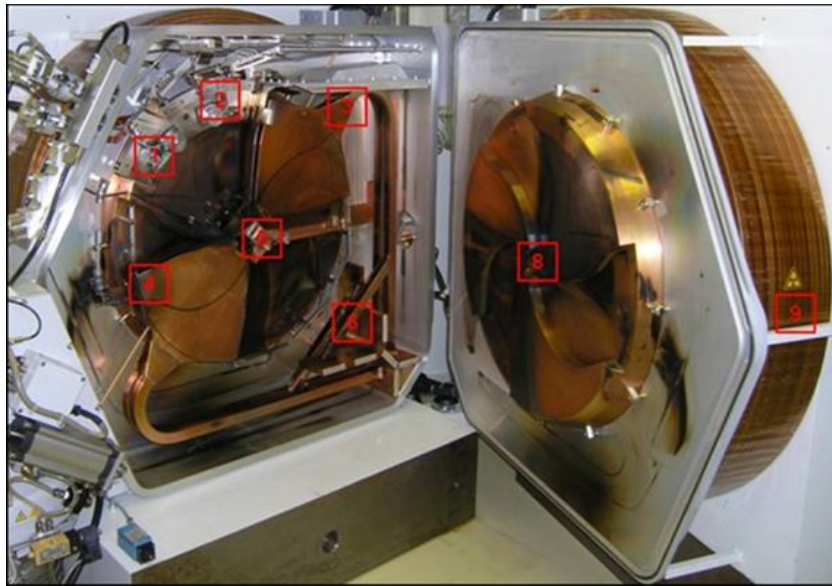
Date last rotary oil change: 2023-10-31

Roughing pump oil mist filter cleaned	Roughing pump oil is in good color and condition
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

Last DP maintenance: 2023-10-31

DP oil is in good color and condition	<input checked="" type="checkbox"/>

RP Photo



RP Photo



DP Photos

[Photo DP](#)

[Photo DP](#)

[Photo DP](#)

Notes

note

OtherTest

Name the test	1500
Test explanation	

Photos or Videos

