

# MAINTENANCE TRACKING TOOL PETTRACE800

Date:2023-12-28

Country: Italy	Site: VEN	
Intervention:	Single intervention	$\checkmark$
Subsystems:	Vacuum	

## **VACUUM**

## **TPG settings verifications**

Date: 2023-12-28

Production gas flow: 5.0

Piranni 1 (TPG300 A1)

Pressure with gas	Low limit (x10-)	High limit
4.00E-2	7.00E-1	1.00E-1

## Piranni 2 (TPG300 A2)

Under range	Pressure with gas	Low limit	High limit
$\checkmark$	0.00E+0	0.00E+0	7.00E-2

#### **Penning**

Pressure with gas	Low limit	High limit
1.40E-5	1.90E-5	2.20E-5

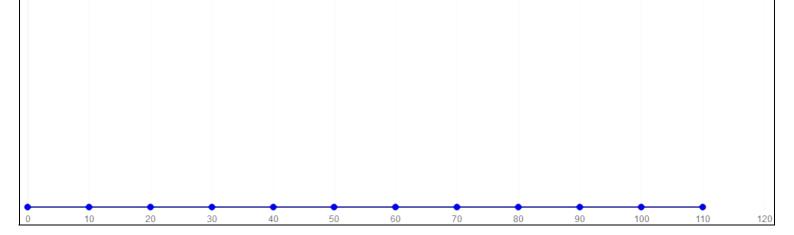
#### <u>Notes</u>

Test

#### Vacuum leak test

Seconds since push standby	Chamber pressure	Max. Chamber pressure
10	0.00E+0	1.00E-06

	Chamber Pressure		



# **OtherTest**

Name the test	He leakcheck
Test explanation	Vent the cyclotron. Connect the He leak detector to the penning exhaust. Start pumping with the machine. Wait vacuum is low enough and stable, and He concentration recorded low and stable. Apply He gas next to the seal you want to test and wait for detector response (between 30 and 60 minutes). If no increase of concentration, the seal is defective.

	Photos or Videos
photo1	

# PETtrace800 O-Rings analysis

