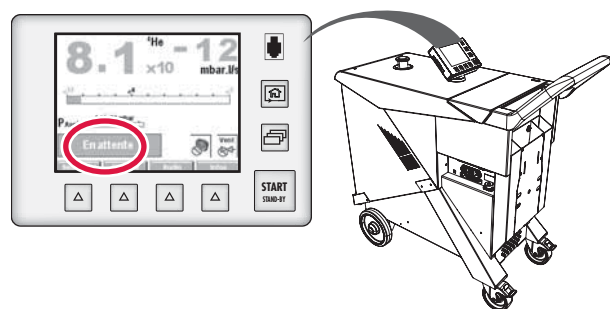
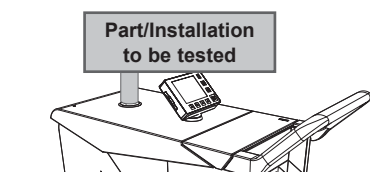


BASICS OF HELIUM VACUUM TEST

- 1 Detector switched on («I»):
wait until stand-by mode.



- 2 Connect the leak detector to the part or installation to be tested.

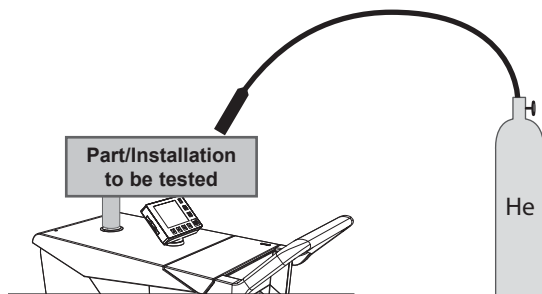


- 3 Start a cycle.

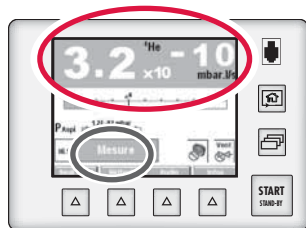


- 4 Wait Helium signal stabilization.

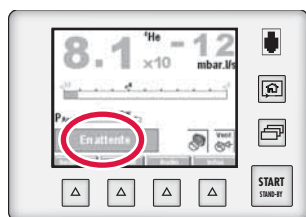
- 5 With a spray probe, spray Helium around the part or installation to be tested: start from the top.



- 6 Leak value measured and test result (accepted or rejected) according to the reject threshold display.



- 7 Stop the cycle.

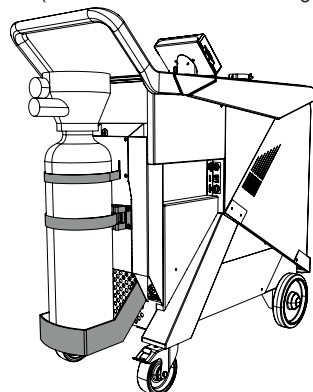


FEW ACCESSORIES AVAILABLE

- Locking clamp DN 40 ISO-KF
Part number 118801



- Bottle holder
Part number 126561
(bottle at the customer's charge)



- Spray gun
Part number 109951



- Long distance sniffer probe



Standard
Part number SNC1E1T1



Smart
Part number BG 449 208-T

- Remote control RC 10
Part number 124193



- Remote control (mbar-l/s)
Part number 106688



- Inlet filters
Available in bronze or stainless steel, meshing from 5 to 20 µm: consult us.



- ⁴He calibrated leaks
10⁻⁴ to 10⁻⁹ mbar-l/s range: consult us.



PFEIFFER VACUUM

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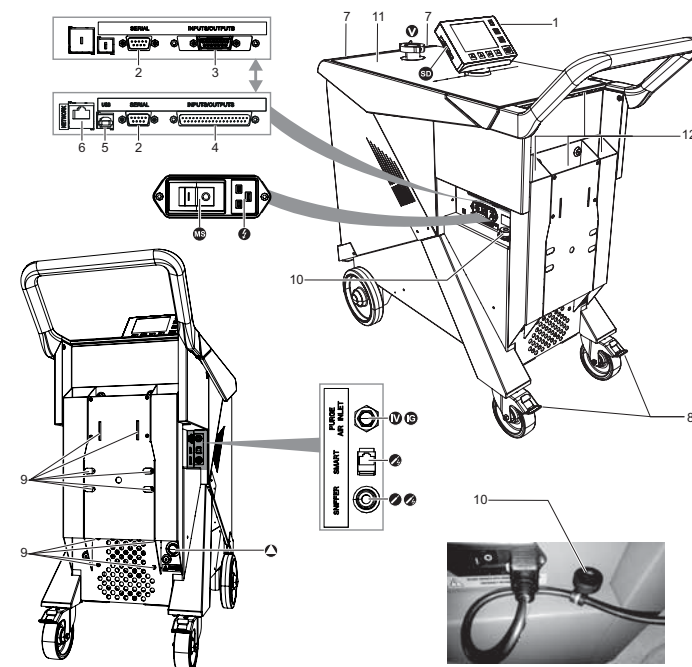


PFEIFFER VACUUM

**ASM 390/392
MEMO**

For further information, please refer to
the Operating instructions supplied with your detector.

DETECTOR CONNECTIONS

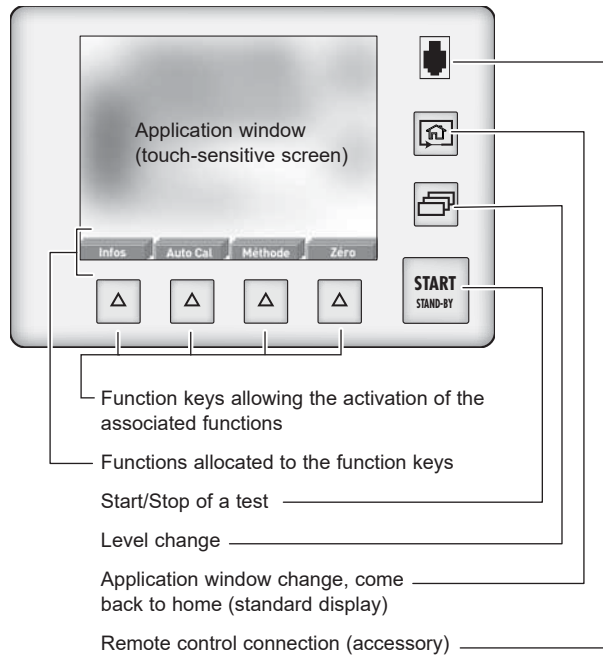


⚡	Mains power supply
∇	Detector inlet (Inlet port)
▲	Primary pump Exhaust (EXHAUST)
MS	Switch/Circuit breaker
∇	Inlet vent
IG	Gas inlet (purge)
SD	SD card
🔗	Standard sniffer probe connection ⁽²⁾ (STANDARD SNIFFER)
🔗	Smart sniffer probe connection ⁽²⁾ (SMART SNIFFER)
1	Standard remote control connector ⁽²⁾
2	RS 232 connector D-Sub 9 pins (SERIAL)
3	Interface Connector- I/O D-Sub 15 pins (INPUTS / OUTPUTS) ⁽¹⁾
4	Interface Connector- I/O D-Sub 37 pins (INPUTS / OUTPUTS) ⁽¹⁾
5	USB plug (USB)
6	Ethernet plug ⁽¹⁾ (NETWORK)
7	Hose holder fixing point
8	Brakes
9	Bottle holder fixing point ⁽²⁾
10	Fastener for power cable safety
11	Work plan
12	Storage boxes

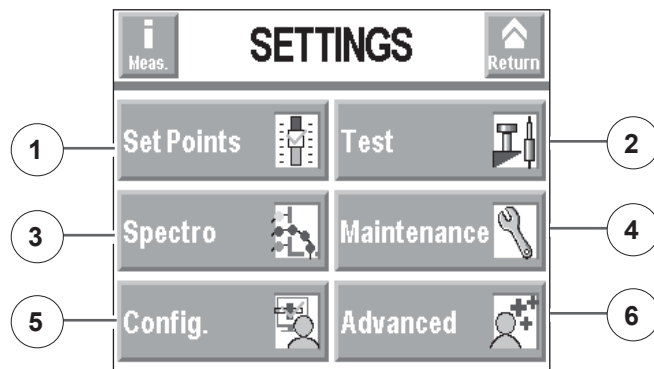
⁽¹⁾ Accessory or option (at the customer's expense)

⁽²⁾ Accessory (at the customer's expense)

OPERATOR INTERFACE

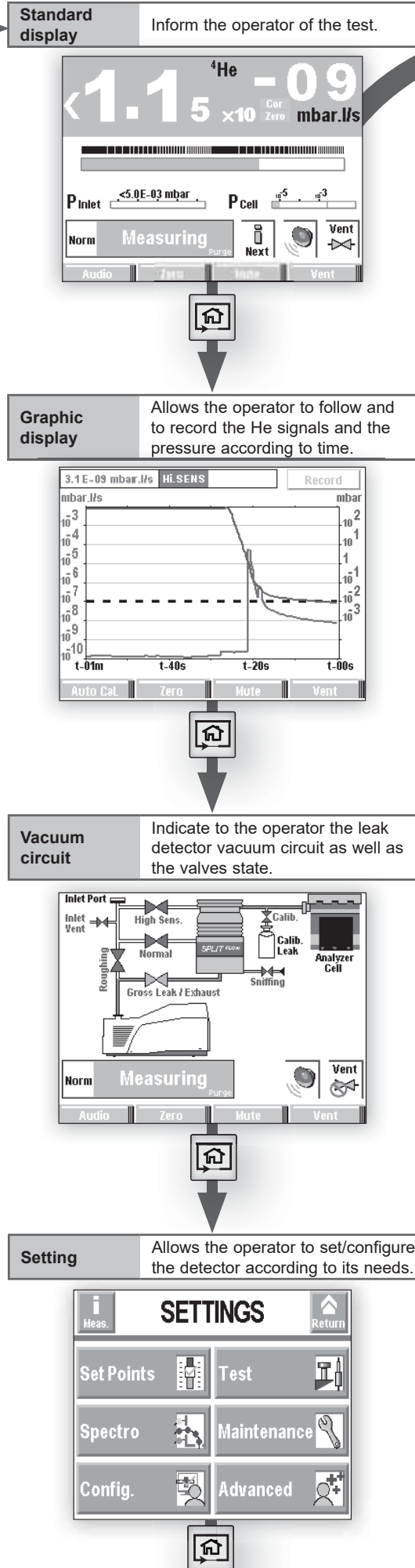


APPLICATION WINDOWS: SETTINGS

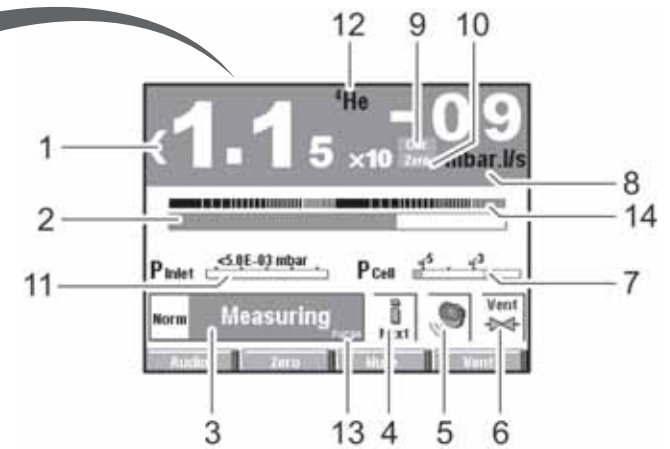


1	Reject set point, audio level, digital voice, He max.
2	Test methods - Test mode Correction factor Cycle end - Air inlet
3	Tracer gas - Calibrated leak.
4	Maintenance timer General detector counter Detector information
5	Hour - Date - Unit - Language - Password - Screen
6	Advanced functions - Calibration SD card - Input/Output

APPLICATION WINDOWS



APPLICATION WINDOWS: STANDARD DISPLAY



1	Digital display of the leak rate (green \leq reject set point < red)
2	Bargraph display of the leak rate (adjustable scale)
3	Detector status and Detection mode
4	Access error information
5	Mute function indicator
6	Air inlet function indicator
7	Bargraph display of the cell pressure
8	Leak detector unit
9	Leak rate correction function indicator
10	Zero function indicator
11	Bargraph display of the detector inlet pressure (unit consistent with the leak rate unit)
12	Tracer gas (^3He , ^4He or H_2)
13	Purge function indicator
14	Bargraph display of Zero function (2 decades)

INTERVAL MAINTENANCE OPERATIONS

Frequency (*)	Maintenance operations to perform
Routine maintenance	Cleaning/replacement of filters (inlet filter, air inlet filter, filters of the sniffer probe if used)
2 years	Recalibration/exchange of the internal calibrated leak
4 years	Maintenance of primary pump and turbomolecular pump(s)
500 000 cycles or 4 years	Replacement of valves

Complete table of the maintenance operations: refer to «Maintenance intervals and responsibilities» chapter of the Maintenance Instructions.

(*) The service intervals given are for applications and work rates which conform to the normal operating conditions. If the machine is operating under more difficult conditions they can be shortened.