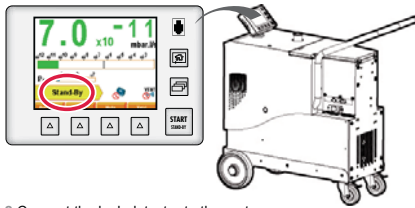
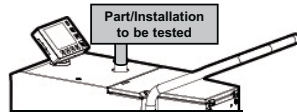


## BASICS OF HELIUM VACUUM TEST

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



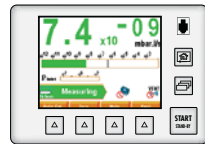
2 Connect the leak detector to the part or installation to be tested.



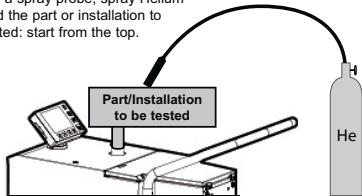
3 Start a cycle.



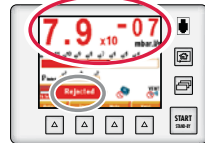
4 Wait Helium signal stabilization.



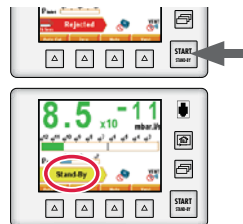
5 With a spray probe, spray Helium around the part or installation to be tested: start from the top.



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



7 Stop the cycle.



## FEW ACCESSORIES AVAILABLE

Accessories and part numbers: **A 400**

- Locking clamp DN 40 KF: part number **118801**



- Bottle holder: part number **118444** (bottle at the customer's charge)



- Remote control (mbar l/s): part number **106688**



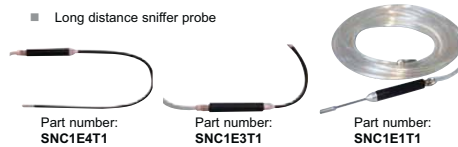
- Spray gun: part number **109951**



- Inlet filter 20 µm: part number **105847**



- Long distance sniffer probe



- He calibrated leaks (10<sup>-4</sup> to 10<sup>-6</sup> mbar.l/s range)



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by PFEIFFER VACUUM

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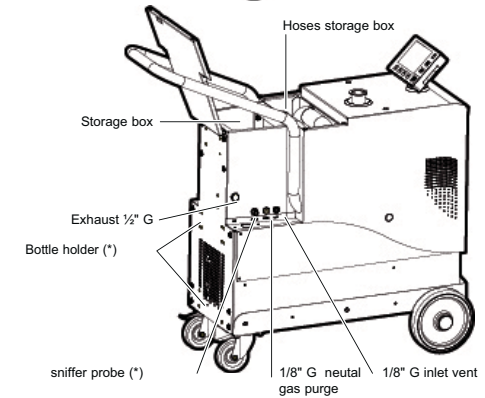
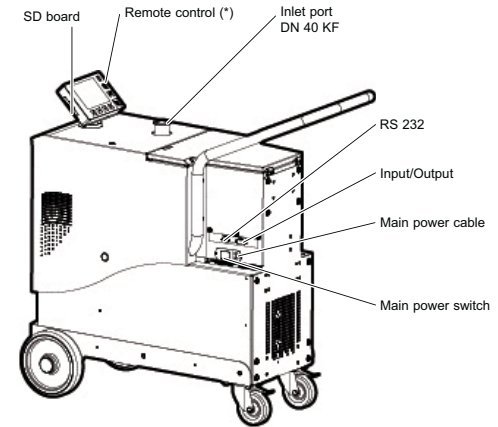
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**ASM 380  
MEMO**

References **A 400** refer to a specific chapter of the User's Manual.

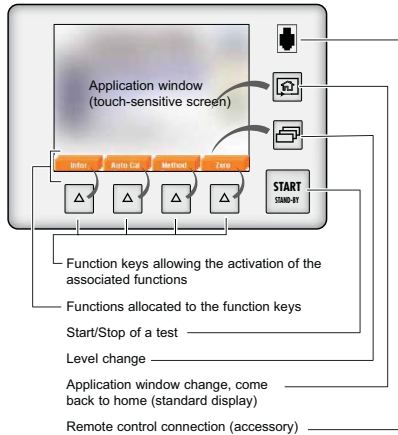
For further information, please refer to the User's Manual supplied with your unit.

## DETECTOR CONNECTIONS

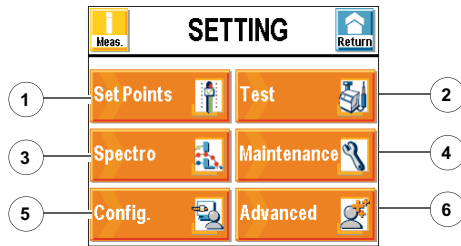


(\*) Accessory (**A 400**): at the customer's charge.

## OPERATOR INTERFACE



## APPLICATION WINDOWS: SETTINGS

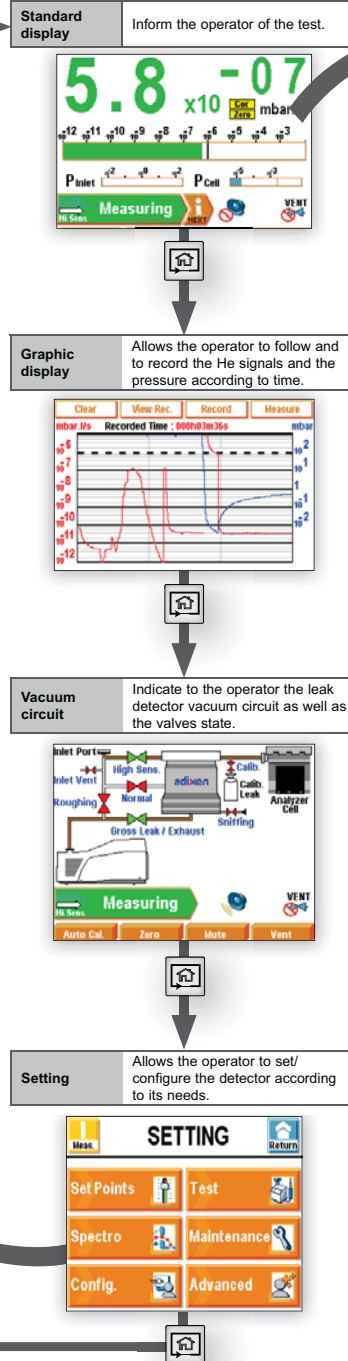


1	Reject set point, audio level, digital voice, He max.	C 401
2	Test methods - Test mode Correction factor Cycle end - Air inlet	C 402
3	Tracer gas - Calibrated leak.	C 403
4	Maintenance timer General detector counter Detector information	C 404
5	Hour - Date - Unit - Language - Password - Screen	C 405
6	Advanced functions - Calibration SD card - Input/Output	C 406

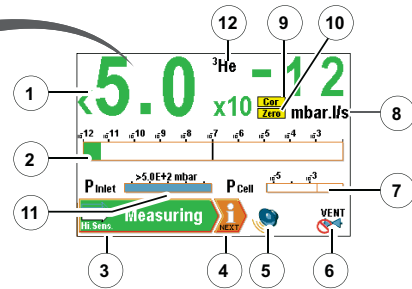
Menus arborescence: C 600



## APPLICATION WINDOWS



## APPLICATION WINDOWS: STANDARD DISPLAY



1	He signal digital display (green $\leq$ reject set point < red)
2	He signal bargraph display (adjustable scale)
3	Detector state and detection mode
4	Default information access
5	Mute function activated/desactivated indicator
6	Inlet vent function activated/desactivated indicator C 402
7	Cell pressure bargraph display
8	Measure unit of the leak flow
9	Signal correction function activated indicator
10	Zero function activated indicator
11	Detector inlet pressure bargraph display (coherent unit with the leak flow unit)
12	Tracer gas (if <sup>3</sup> He or H <sub>2</sub> )

## INTERVAL MAINTENANCE OPERATIONS

Frequency*	Maintenance operations	
1000 h <sup>(1)</sup>	Clean filters (inlet filters, air inlet filter).	✓
4000 h <sup>(1)</sup> or 6 months <sup>(2)</sup>	Clean the vacuum lines, the valves and the gauges with alcohol - Dust the electronic boards and the fans. Partial maintenance of the analyzer cell. Clean the analyzer cell with alcohol (this cleaning may be necessary in case of general internal contamination creating insulating deposits).	E 430
	Sniffer probe filter replacement if used.	C 406 E 500
	Sniffer probe filter replacement if used.	G 200
8000 h <sup>(1)</sup> or 1 year <sup>(2)</sup>	Recalibration/exchange of the internal calibrated leak or calibrated leak used for calibration.	E 413
15000 h <sup>(1)</sup> or 2 years <sup>(3)</sup>	ATH 184 ball bearings replacement.	CS
	Purge filter replacement.	✓
18000 h <sup>(1)</sup> or 4 years <sup>(3)</sup>	Complete maintenance primary pump ACP 40.	CS
	Change the valves.	E 530
500000 cycles		

CS: Please contact Customer Service

\*Service intervals: 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.

(1) running time  
(2) running time or storage  
(3) storage