


Advanced operation of the leak detector

Preliminary about C 60 & C 61

The operation of the leak detector is explained in  **C 60** and  **C 61**.

■ If the factory configuration does not need to be changed, please go to  **C 60**.

■ If operator needs more information or needs to change the factory configuration, he must used  **C 60** and this chapter where the following points are explained:

- ⇒ hard vacuum test mode (information)
- ⇒ selecting a test mode (adjustment)
- ⇒ sniffer probe (information)
- ⇒ sniffer probe reject point (adjustment)

 **Factory configuration**  **C 10**

Hard vacuum test

Hard vacuum test method offers 2 or 3 test modes: the Gross Leak, the Normal and the High Sensitivity test modes.

The leak detector will automatically go from the gross leak to the high sensitivity test mode as soon as the inlet pressure has crossed the thresholds:

	Gross leak test mode	Normal test mode	High sensitivity test mode
ASM 182 TD+	Inlet pressure < 6 mbar	—	Inlet pressure < $2 \cdot 10^2$ mbar
ASM 192 T2D+	Inlet pressure < 30 mbar	Inlet pressure < 3 mbar	Inlet pressure < $2 \cdot 10^2$ mbar

A hard vacuum test can be performed as soon as one of the test modes is reached.

Factory configuration

The leak detector original configuration is set in high sensitivity test mode: it means that as long as the inlet pressure is lower than $2 \cdot 10^2$ mbar, the leak detector will always remain in the high sensitivity test mode.

Advanced operation of the leak detector

Selecting a test mode

Access
authorization

Do you have access to this operation function? C 30

Procedure **Reminder** **Operating principle of the control panel** C 20

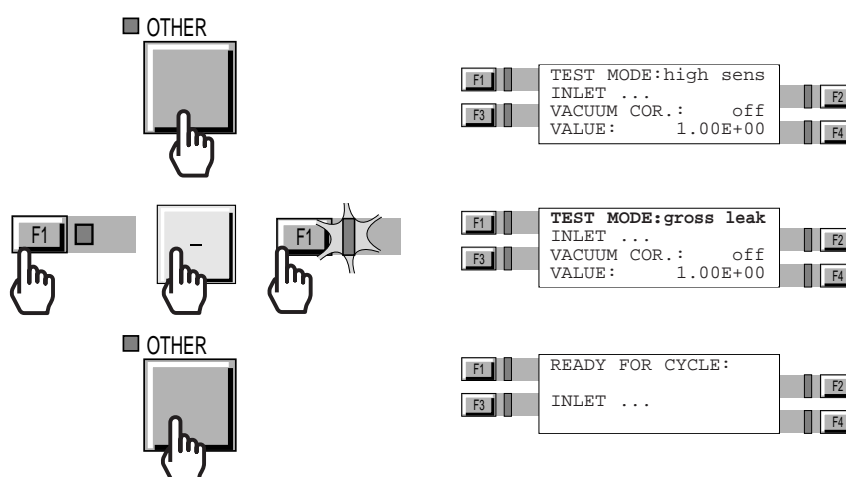


Press the key



activated

Note: Following screens are available for users with level ③: for users with level ④, lines 3 and 4 on the LCD are different.



If the leak detector is in gross leak test mode, press to go in high sensitivity test mode. The leak detector will switch test mode if the inlet pressure is under the high sensitivity test mode threshold.

Notes:

- ⇒ When the leak detector is in the selected test mode, a «->» sign is displayed on the screen.
- ⇒ If the gross leak test mode is selected, the leak detector will remain in the gross leak test mode even if the inlet pressure is compatible with the high sensitivity test mode threshold.

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Sniffer probe

 **Accessories**  **A 70**

Advice

Clog the sniffer probe end from time to time with a finger to check that the helium signal goes down. If not, the probe may be clogged.

 **Sniffer probe clogged**  **E 60**

Sniffer probe clogged reject point

Purpose of the sniffer probe clogged reject point

When the helium signal is lower than the "set sniffer probe clogged" reject point, a triggering mechanism will be activated (see below for detail).

Access authorization

 **Do you have access to this operation/function?**  **C 30**

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Procedure **Reminder**  **Operating principle of the control panel**  **C 20**



Press the key



activated

■ SET POINTS



x 2



F1	AUDIO	: 3	F2
F3	DIGITAL VOICE	: 5	F4

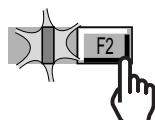
F1	SNIF. PROBE GLOGGED	F2
F3	REJECT POINT: 1.0E-07	F4
	DEPOLLUTION: off	

F1	SNIF. PROBE GLOGGED	F2
F3	REJECT POINT: 1.0E-07	F4
	DEPOLLUTION: off	

Adjust sniffer probe clogged reject point.

F1	SNIF. PROBE GLOGGED	F2
F3	REJECT POINT: 1.5E-07	F4
	DEPOLLUTION: off	

 **Adjustment of a value**  **C 20**



F1	SNIF. PROBE GLOGGED	F2
F3	REJECT POINT: 1.5E-07	F4
	DEPOLLUTION: off	

■ SET POINTS



F1	READY FOR CYCLE	F2
F3	INLET ...	F4