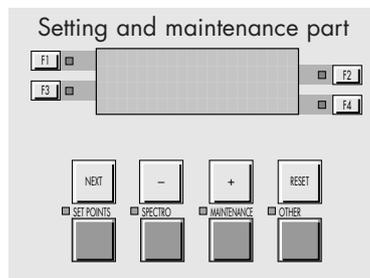


## User interface level presentation

- Definition** The control panel can be dedicated in two different sections.
- The section located on the right of the control panel is dedicated to the operator. **All users have access to this section.**
  - The section located on the left of the control panel dedicated to the setting and maintenance (adjustments, functions, menu access, etc.).
- The detector offers 4 levels of user interface for this section to accommodate any application requirements.



### Which user level interface used?

Following operator's need (access to setting and parameter or not), the user interface level set will be different.



**All 4 levels of user interface are accessible by means of a four-digit password.**



Access to level

4



C 40

## User interface level presentation

**Level 1** This level has very limited information on the alphanumeric display (LCD). This level is generally selected for production types of applications.

**Level 2** This level allows the operator to visualize some parameters without the possibility of making any changes. Same as Level 1, this level is usually selected for production types of applications.

Accessible parameters for setting:

Detector inlet	 C 80
----------------	--

**Level 3** Same as level 2 but with possibility to set some parameters. This level is generally selected for maintenance applications.

Accessible parameters for setting:

Test mode	 C 60
-----------	--

Vacuum and sniffing correction status	 C 74
---------------------------------------	--

Vacuum and sniffing correction value	
--------------------------------------	--

Air inlet activation	 C 80
----------------------	--

Audio alarm	 C 100
-------------	---

status	
--------	--

hard vacuum reject point	
--------------------------	--

sniffing reject point	
-----------------------	--

Digital voice	 C 150
---------------	---

**Level 4** This level allows access to all the parameters and is generally used for settings all the parameters.

**Note:** When switching from level 4 to any other level, the switch can be performed without using the password.

This level is generally selected for R&D applications.

## User interface level presentation

### Level 4

Additional accessible parameters:

RS 232	 <b>B 30</b> <b>or RS 232 User's Manual</b>
User interface level	 <b>C 40</b>
Password	
Sniffer probe clogged threshold	 <b>C 60</b>
Auto-calibration	 <b>C 72</b>
status	
activation	
cycle counter	
hour counter	
External calibration	 <b>C 73</b>
Test mode	
Target value	
Correction factor	 <b>C 74</b>
Vacuum/sniffing correction status	
Vacuum/sniffing correction value	
Calibrated leak (and its associated parameters)	 <b>C 75</b>
Bargraph zoom on He	 <b>C 90</b>
status	
Cycle end	 <b>C 110</b>
status	
overlap timer (roughing)	
roughing timer	
test (measure) timer	
Background suppression function	 <b>C 120</b>
activation	
trigger point	
Memo function	 <b>C 130</b>
status	
display timer	
timer	

## User interface level presentation

Level 4  
(ctd.)

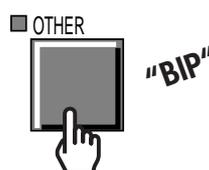
Helium pollution prevention status reject point	C 140
Date/time	C 160
Language	
Unit	
Gas line (option: ASM 182 TD+ only)	C 210
3 masses (option: ASM 182 TD+ only) calibrated gas selection	C 220
Pumps maintenance parameters	D 11
Filament information (and its associated parameters)	E 40

### Factory configuration

The unit is set on level 2 by default.

### Which is your user interface level?

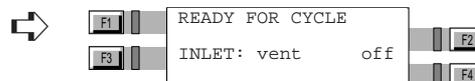
In order to find out what is the current interface level, follow the sequence described below:



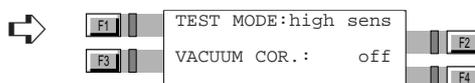
One of the 4 next screens appears



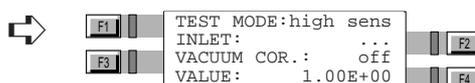
If this screen appears, your access level is 1.



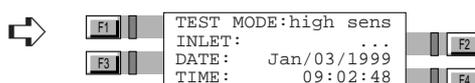
If this screen appears, your access level is 2.



If this screen appears, your access level is 3.



If this screen appears, your access level is 4.



## User interface level presentation

To change user interface level

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

Reminder Operating principle of the control panel C 20

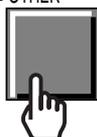


Press the key

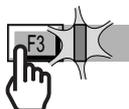
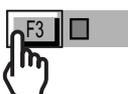


activated

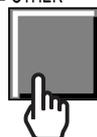
OTHER



x 2



OTHER



F1	TEST MODE:high sens	F2
F3	INLET: . . .	F4
	DATE: Jan/03/2001	
	TIME: 09:02:48	

F1	LANGUAGE: english	F2
F3	UNIT: mbar.l/s	F4
	USER INTERFACE: #1	
	F4=>RS232 PARAMETERS	

F1	LANGUAGE: english	F2
F3	UNIT: mbar.l/s	F4
	<b>USER INTERFACE: #1</b>	
	F4=>RS232 PARAMETERS	

F1	LANGUAGE: english	F2
F3	UNIT: mbar.l/s	F4
	<b>USER INTERFACE: #4</b>	
	F4=>RS232 PARAMETERS	

F1	LANGUAGE: english	F2
F3	UNIT: mbar.l/s	F4
	<b>USER INTERFACE: #4</b>	
	F4=>RS232 PARAMETERS	

F1	READY FOR CYCLE	F2
F3	INLET . . .	F4