

Connecting the detector directly to a printer through the RS 232 interface

Purpose of the printer interface

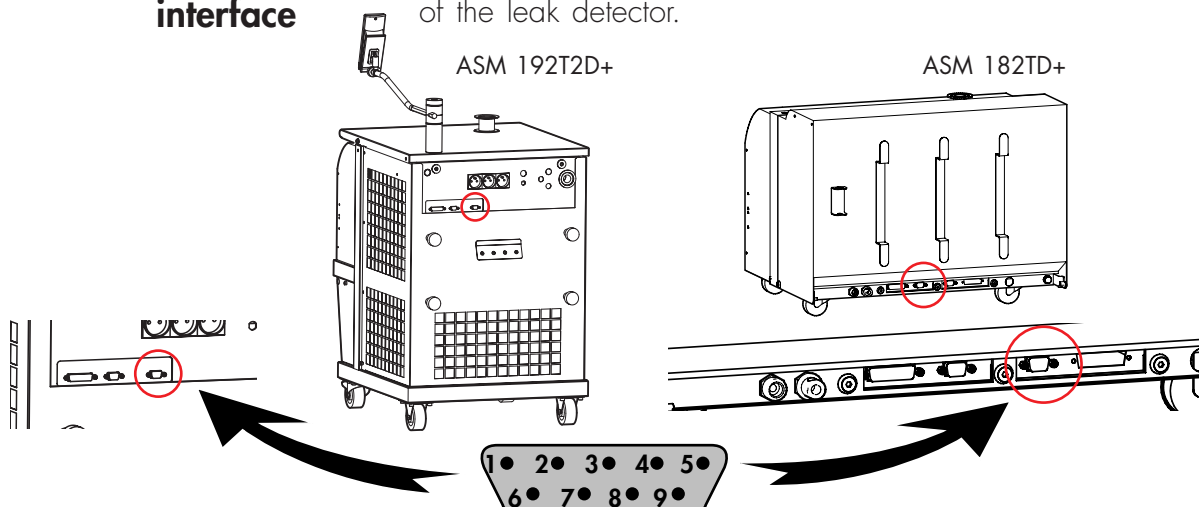
The Printer RS 232 interface makes it possible to connect the leak detector to a printer.



On the ticket printed, you will find all the values of parameters memorized in the leak detector: the ticket doesn't give the test results (see example of ticket next page).

Location of the printer interface

It is a Sub D 9 pin Male connector located on the side of the leak detector.

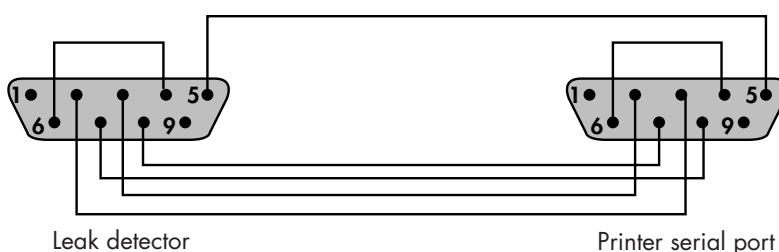


Pin #	Function	Communication protocol	
1	NA	Mode	Asynchronous
2	Rx	Bauds	9600
3	Tx	Bits	8
4	NA	Parity	None
5	Ground	Stop bit	1
6	NA	Parity control	None
7	RTS		
8	CTS		
! 9	Alcatel's use only. Don't connect it		

Communication mode description

Configuration tickets are sent out.

Connection to the printer



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Example of a configuration ticket

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ASM182TD+ CONFIGURATION TICKET
VERSION: L115 v1.1 r00
DATE: Jan/01/2001  TIME:00:00:49

SET-POINTS MENUS
audio level: 3
digital voice level: 4
hard vacuum alarm: fixed
hard vacuum reject point: 1.0E-07
sniffing alarm: fixed
sniffing reject point: 1.0E-06
sniffer probe clogged reject: 1.0E-06
bargraph zoom on He reject point: no
depollution function: off
depollution reject point: 1.0E-06
memo. function active: no
memo. display timer: no
memo. timer value(min:s): 00:10
cycle end function: operator
roughing overlap timer: on
roughing timer value(min:s): 00:10
test timer value(min:s): 00:10
start.timer value(min:s): 00:00
background suppression
activation: operator
trigger: reject point
GL setpoint (mbar) 6.0E+00
Bypass setpoint (mbar) 5.0E-01
HS setpoint (mbar) 2.0E-02

SPECTRO MENUS
automatic calibration: off
activation: operator
every: 0050 cycles
every: 0010 hours
filament in use: 1
electronic zero: 110
acceleration voltage(V): 221
electronic current(mA): 0.0
sensitivity coefficient: 01.00
He calibrated leak
location: internal
value: 1.0E-07
unit: mbar.l/sec
year: 2001
loss per year(%): 2.00
temperature(C): 20
temp.coefficient(%/C): 3.00

MAINTENANCE MENUS
primary mnt.periodicity(hours): 10000
primary mnt.due in(hours): 10000
high vac.mnt.periodicity(hours): 08000
high vac. mnt.due in(hours): 8000
roughing mnt.periodicity(hours): 08000
roughing mnt.due in(hours): 8000
filament#1 running time(hours): 0
filament#2 running time(hours): 0
customed mnt.period.(cycles): 5.0E+03
customed mnt.due in(cycles): 5.0E+03

OTHER MENUS
test mode selection: high sens
inlet vent: off
hard vacuum correction: off
hard vacuum cor.coefficient: 1.00E+00
sniffing correction: off
sniffing cor.coefficient: 1.00E+00
unit: mbar.l/sec
display language: english
user interface : #4
password value: 5555

TYPICAL VACUUM VALUES
Pu_gf:1.00000 Mu_gf :00099.9
Pu_n :1.00000 Mu_n :00001.0
Mu_rld:00040.0

DATE AND TIME VALUES
last stop: Jan/01/ 1 00:00:00
last start: Jan/01/2001 00:00:03
last calib.ok: Jan/01/ 1 00:00:00
detector counter (h:m:s): 00000:01:27

```