

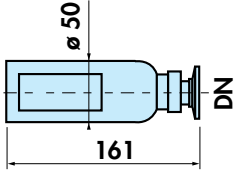


GENERAL PURPOSE ACCESSORIES
FOR HELIUM LEAK DETECTORS

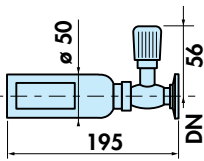


Accessories dedicated for helium leak detectors

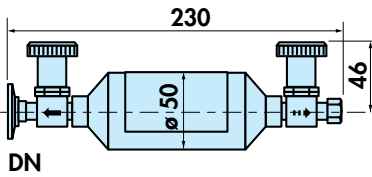
Helium calibrated leaks with reservoir



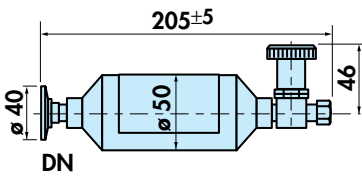
Aluminium reservoir without valve



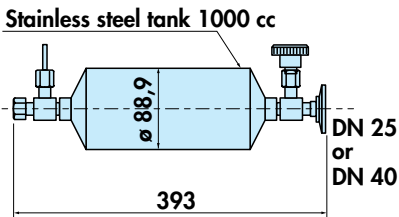
Aluminium reservoir with valve



250 cc stainless steel reservoir with valve



250 cc stainless steel reservoir without valve



1000 cc stainless steel reservoir

Overall dimensions in mm

- Supplied with certificate of calibration.
- $\pm 10\%$ accuracy.
- Possibility to deliver a standard value (included in a predetermined range,

see table below) or a specific value according to the customer requirement (extra-cost required).

Decade	Range code	Standard value provided by Alcatel	Reservoir
10^9 mbar.l/s	9	Between 1 and $3 \cdot 10^9$ mbar.l/s	Aluminium
10^8 mbar.l/s	8	Between 1 and $3 \cdot 10^8$ mbar.l/s	Aluminium
10^7 mbar.l/s	7	Between 1 and $3 \cdot 10^7$ mbar.l/s	Aluminium
	3	Between 3 and $6 \cdot 10^7$ mbar.l/s	250 cc stainless steel
10^6 mbar.l/s	6	Between 1 and $3 \cdot 10^6$ mbar.l/s	250 cc stainless steel
	5	Between 5 and $8 \cdot 10^6$ mbar.l/s	250 cc stainless steel
10^5 mbar.l/s	4	Between 1 and $3 \cdot 10^5$ mbar.l/s	1000 cc stainless steel
	2	Between 5 and $8 \cdot 10^5$ mbar.l/s	1000 cc stainless steel
10^4 mbar.l/s	1	Between 1 and $3 \cdot 10^4$ mbar.l/s	1000 cc stainless steel

F 4

Isolating valve	
without	with
Code 0	V

Manual isolating valve
The isolating valve is mandatory for values greater than $8 \cdot 10^6$ mbar.l/s.

Gas	
Helium	
Code 4	

Decades						
	10^9	10^8	10^7	10^6	10^5	10^4
Code	9	8	7 3	6 5	4 2	1

Flange				
DN 16	DN 25	DN 40	DN 50	
Code 0	1	2	3*	

* DN 50 not available for decades 10^5 and 10^4 mbar.l/s

Special value	
yes	no
Code 1	0

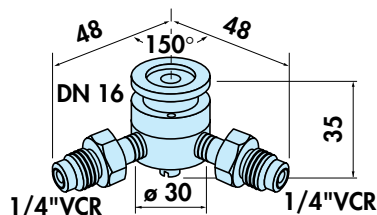
- Temperature coefficient 3 % per degree Celsius for any value $< 8 \cdot 10^6$ mbar.l/s (permeation type), 0.2 % per year for greater value (capillary type).
- Loss 2 % per year for any value $< 8 \cdot 10^6$ mbar.l/s
- When a specific value is requested, due to the technology used, Alcatel can

only guarantee an effective nominal value within $\pm 20\%$ of the requested nominal value.

Ex : requested value = $1.8 \cdot 10^6$ mbar.l/s
- guaranteed delivered value between 1.44 and $2.16 \cdot 10^6$ mbar.l/s

- code in DN 25 with a valve **FV4611**
requested value = $1.8 \cdot 10^6$ mbar.l/s

Gas line type calibrated leak



Overall dimensions in mm

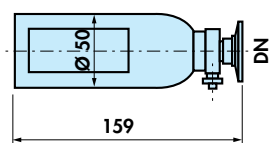
* VCR[®] : Cajon Company, Macedonia, OH

1/4" VCR connection (*)

Value	P/N
1.10 ⁹ mbar.l/s	103371
1.10 ⁸ mbar.l/s	103372
1.10 ⁷ mbar.l/s	103373
1.10 ⁵ mbar.l/s	103374

Internal calibrated leaks for Adixen leak detectors

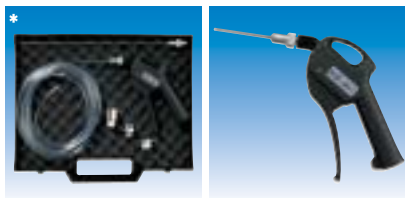
with auto-calibration



Overall dimensions in mm
(for ASM 182/192 series
and ASI 20 MD only)

Value	DN Flange	Model	P/N
1.10 ⁷ mbar.l/s	16	ASM 182 series ASM 192 series ASI 20 MD	109240
1.10 ⁷ mbar.l/s	Specific	ASM 122 D ASM 142 ASM 142 D	109241
2.10 ⁵ mbar.l/s	Specific	ASM 142 S	108111

Helium spray gun



Mallette "Elite"

Gun

Description	P/N
Helium spray gun "Elite"	109951*
Helium spray gun	112535
Short nozzle (spare part)	109955
Long nozzle (spare part)	109956

Remote control



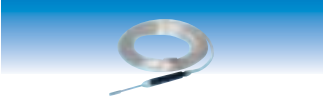
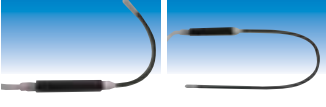
Description	P/N
Unit: mbar.l/s - Front face in English	106688
Unit: Torr.l/s - Front face in English	108881
Unit: Pa.m ³ /s - Front face in English	108880
Unit: Pa.m ³ /s - Front face in Japanese	106690

Bombing chamber

Description	DN Flange	P/N
Bombing chamber 10 bars (Ø 150 - L 200 - Vol. : 3.5 l)	-	786396
Bombing chamber 25 bars (Ø 100 - L 800 - Vol. : 6.4 l)	-	786397

*For any question regarding maintenance, please contact your nearest Service or Sales center.

Long distance sniffer probe (to be connected to the specific LDS port)

Description	P/N	Description	Rigid Nozzle	Flexible Nozzle
10 m extension tube for long distance sniffer (32 ft)	090216			
			9 cm/3.5"	30 cm/12"
			15 cm/6"	45 cm/18"
Tube length : 5 m		SNC1E1T1	SNC1E2T1	SNC1E3T1
Tube length : 10 m		SNC2E1T1	SNC2E2T1	SNC2E3T1
			SNC1E4T1	SNC2E4T1

Long distance sniffer probe (LDS) probe items

Description	P/N
Sniffer probe kit (5 filters, 2 O'rings, 2 screws)	A459858
Filter	067722
Needle	072606
	9 cm/3.5"
	30 cm/12"
	15 cm/6"
	45 cm/18"
Rigid nozzle	1082425
Flexible nozzle	1088835

Sniffing calibration accessory



Description	P/N
DN 16	110715
DN 25	110716

Short distance sniffer probe (to be connected to the inlet port of a leak detector)

Temperature coefficient 7 % per ° Celsius. Standard leak rate 2.10⁻⁴ mbar.l/s
Able to measure helium concentration inside water or liquids

Description	DN Flange	P/N
Sniffer probe with membrane, DN 40 flange and a 1.5 meter tube (5 ft)	40	067683
Sniffer probe with membrane and DN 40 flange	40	067677
Sniffer probe with membrane and DN 25 Flange	25	103592
Sniffer probe with membrane and 14 mm O.D. smooth tube connection	∅ 14 mm	067678

Transport carts

These transport carts allow easy transportation. They also include a compartment for accessories, maintenance kit and the instruction manual.



Description	P/N
Transport cart ASM 142	108068
Transport cart ASM 182	111196

Analyzer cell items

Description	P/N
Soft wire seal (Ø 0.8 mm, 10 m length, 32 ft)	083478
Filament	053146
Electron collector	101127
Elastomer seal	102823

Inlet filters



Description	DN Flange	P/N
70 µm stainless steel mesh filter	16	072721
70 µm stainless steel mesh filter	25	072857
70 µm stainless steel mesh filter	40	067636
20 µm inlet filter	25/25	105841*
20 µm inlet filter	40/40	105842*
20 µm inlet filter	40/25	105843*
5 µm inlet filter	25/25	105844*
5 µm inlet filter	40/40	105845*
5 µm inlet filter	40/25	105846*

Figure 1

* Figure 1.

Spare parts for 20 µm inlet filters

Description	P/N
20 µm filter, Ø 114 mm	105847
5 µm filter Ø 114 mm	105848
O'ring, Ø 114 mm x 5 mm	082152

Miscellaneous

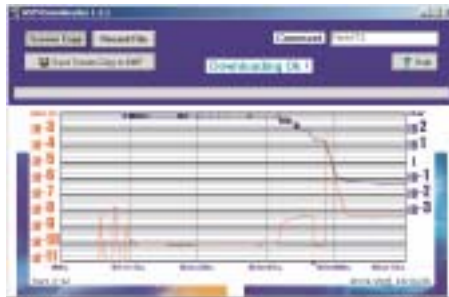
Description	P/N
Foot pedal for cycle command	106688
Head phone interface cable	100913

Softwares

ASM View: Supervisory software for Adixen Helium Leak Detectors. Control the leak detector, display and save datas through a PC.



ASM Downloader: Downloader software. Download inboard recorded datas from the leak detector to a PC.



Consult us.



CHINA

Alcatel Vacuum Technology Shanghai
Tel: (86) 21 5027 0628
Fax: (86) 21 3895 3815

FRANCE

Alcatel Vacuum Technology France
Tel: 33 (0) 4 50 65 77 77
Fax: 33 (0) 4 50 65 77 89

GERMANY

Alcatel Hochvakuum Technik GmbH
Tel: (49) 9342 96 10 0
Fax: (49) 9342 96 10 30

ITALY

Alcatel Vacuum Systems S.p.a.
Tel: (39) 039 686 3855
Fax: (39) 039 667 125

JAPAN

Alcatel Japan
Tel: (81) 44 797 5920
Fax: (81) 44 797 5932

KOREA

Alcatel Vacuum Technology Korea
Tel: (82) 2 409 6277
Fax: (82) 2 409 6279

NETHERLANDS

Alcatel Vacuum Technology
Netherlands
Tel: (31) 306 35 13 60
Fax: (31) 306 35 12 21

SINGAPORE

Alcatel Singapore Pte Ltd
Tel: (65) 6254 0828
Fax: (65) 6254 7018

TAIWAN

Alcatel Vacuum Technology Taiwan
Tel: (886) 3 5599 230
Fax: (886) 3 5599 231

UNITED KINGDOM

Alcatel Vacuum Technology (U.K.)
Tel: (44) 1 506 418 000
Fax: (44) 1 506 418 002

USA

Alcatel Vacuum Products
Tel: (1) 781 331 4200
Fax: (1) 781 331 4230



Alcatel Vacuum Technology

98 Avenue de Brogny - BP 2069 - 74009 Anney Cedex - France - Tel.: 33 (0) 4 50 65 77 77 - Fax: 33 (0) 4 50 65 77 89

www.adixen.com