

Medical gas equipment

Compressed gas control module

- GIGANT/R



GIGANT/R automatic control module

Control module suitable for medical gas, with automatic switching and reset if one of the two sources is discharged, a reversing switch automatically supplies the system from the other source.

Product codes

GAS	CODE	CATALOGUE NO.
OXYGEN	HQ120	1244990/R
AIR	HQ121	1244996/R
NITROUS OXIDE	HQ122	1244997/R
CARBON DIOXIDE	HQ123	1244998/R
NITROGEN	HQ124	1244999/R



GIGANT/R third source module

Control module for medical gases, consisting of one GIGANT/R model regulator with CW614N brass body, aluminum cap, two pressure gauges and a High Pressure shut-off valve.

Product codes

GAS	CODE	N. REPERTORY
OXYGEN	HQ125	1249418/R
AIR	HQ126	1249419/R
NITROGEN OXIDE	HQ127	1249420/R
CARBON DIOXIDE	HQ128	1249421/R
NITROGEN	HQ129	1249422/R



GIGANT/R fourth source module

Control module for medical gases, consisting of one GIGANT/R model regulator with CW614N brass body, aluminum cap, two pressure gauges and a High Pressure shut-off valve.

Product codes

GAS	CODE	CATALOGUE NO.
OXYGEN	HQ130	1249423/R
AIR	HQ131	1249424/R
NITROUS OXIDE	HQ132	1249425/R
CARBON DIOXIDE	HQ133	1249426/R
NITROGEN	HQ134	1249427/R



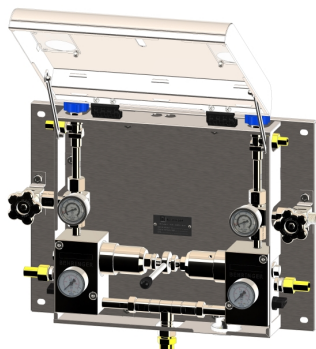
Maintenance Supply Assembly

The E/2000 module has been designed and built to upgrade existing systems to UNI EN ISO 7396-1:2007 standards, which require the installation of an emergency system supply inlet downstream of the supply control modules.

Product codes

GAS	CODE
OXYGEN	HS002
NITROUS OXIDE	HS002A
NITROGEN	HS002B
CARBON DIOXIDE	HS002C
AIR	HS002D

- PLURIMA

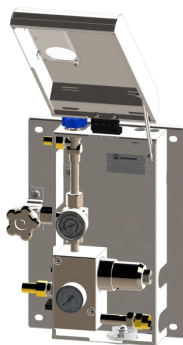


PLURIMA control module

Reduction module for medical gases, with automatic switching, the module comes with manual or automatic reset; the inlet connection is specific for the gas used, the outlet is fitted with a Ø 22 mm weld-on pipe connector.

Product codes

GAS	CODE	TYPE
OXYGEN	HQ140	Semi-automatic
OXYGEN	HQ146	Automatic
AIR	HQ141	Semi-automatic
AIR	HQ147	Automatic
NITROUS OXIDE	HQ142	Semi-automatic
NITROUS OXIDE	HQ148	Automatic
CARBON DIOXIDE	HQ143	Semi-automatic
CARBON DIOXIDE	HQ149	Automatic
NITROGEN	HQ144	Semi-automatic
NITROGEN	HQ150	Automatic



PLURIMA third source module

Single-stage regulator module for medical gases used as a 3rd source emergency module; the inlet connection is specific for the gas used, the outlet is fitted with a Ø 22 mm weld-on pipe connector.

Product codes

GAS	CODE
OXYGEN	HQ152
AIR	HQ153
NITROUS OXIDE	HQ154
CARBON DIOXIDE	HQ155
NITROGEN	HQ156

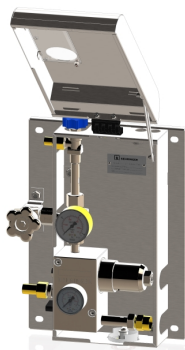
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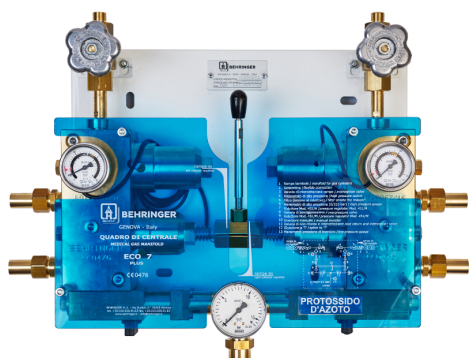
PLURIMA fourth source module

Single-stage regulator module for medical gases consisting of a 451 regulator; the inlet connection is specific for the gas used, the outlet is fitted with a Ø 22 mm weld-on pipe connector.

Product codes

GAS	CODE
OXYGEN	HQ158
AIR	HQ159
NITROUS OXIDE	HQ160
CARBON DIOXIDE	HQ161
NITROGEN	HQ162

- ECO



ECO/7 PLUS Semiautomatic control module

Control module for medical gases, with automatic switching and manual reset using the central lever to restore priority of use of the source.

Product codes

GAS	CODE	CATALOGUE NO.
OXYGEN	HQ060R1	25538/R
AIR	HQ061R1	25538/R
NITROUS OXIDE	HQ062R1	25538/R
CARBON DIOXIDE	HQ063R1	25538/R
NITROGEN	HQ064R1	25538/R



ECO/4 PLUS third source module

2-stage control module for medical gases, consisting of a High Pressure model 451 regulator and a Low Pressure model 451 regulator, both made of CW614N brass.

Product codes

GAS	CODE	CATALOGUE NO.
OXYGEN	HQ019AR1	162798/R
NITROUS OXIDE	HQ020AR1	162798/R
NITROGEN	HQ021AR1	162798/R
CARBON DIOXIDE	HQ022AR1	162798/R
AIR	HQ023AR1	162798/R



ECO/4 PLUS fourth source module

2-stage control module for medical gases, consisting of a High Pressure model 451 regulator and a Low Pressure model 451 regulator, both made of CW614N brass.

Product codes

GAS	CODE
OXYGEN	HQ019DR1
NITROUS OXIDE	HQ020DR1
NITROGEN	HQ021DR1
CARBON DIOXIDE	HQ022DR1
AIR	HQ023DR1

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- EURO/A



Semiautomatic EURO/A control module

Control module for medical gases, with automatic switching and manual reset using the lever on the pressure regulator to restore priority of use of the source.

Product codes

GAS	CODE
OXYGEN	HQ095
AIR	HQ096
NITROUS OXIDE	HQ097
CARBON DIOXIDE	HQ098
NITROGEN	HQ099



EURO/A third source module

Control module for medical gases, consisting of one JUNIOR model regulator, two pressure gauges, CW614N brass body and cap and a High Pressure shut-off valve.

Product codes

GAS	CODE
OXYGEN	HQ110
AIR 400	HQ111
NITROUS OXIDE	HQ112
CARBON DIOXIDE	HQ113
NITROGEN	HQ114

- Manifold

Control module manifold

The manifold links multiple cylinders to make a supply source for a gas distribution system.



Product codes

N. FOLD	GAS	CODE
2	OXYGEN	HS023
2	NITROUS OXIDE	HS023A
2	NITROGEN	HS023B
2	CARBON DIOXIDE	HS023C
2	AIR	HS023D
3	OXYGEN	HS024
3	NITROUS OXIDE	HS024A
3	NITROGEN	HS024B
3	CARBON DIOXIDE	HS024C
3	AIR	HS024D
5	OXYGEN	HS025
5	NITROUS OXIDE	HS025A
5	NITROGEN	HS025B
5	CARBON DIOXIDE	HS025C
5	AIR	HS025D

- Flexible connection

Copper connection

Flexible connection made of Ø 8 mm annealed copper tube, chemically nickel-plated, used for High Pressure connection of the manifold at the inlet to the device downstream or of two manifolds.



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GAS	LENGTH	CODE	CATALOGUE NO.
OXYGEN	0,5 m	HS028	175737/R
NITROUS OXIDE	0,5 m	HS028A	175737/R
NITROGEN	0,5 m	HS028B	175737/R
CARBON DIOXIDE	0,5 m	HS028C	175737/R
AIR	0,5 m	HS028D	175737/R



Copper coil

Flexible connection made of Ø 8 mm chemically nickel-plated copper pipe, used to make a High Pressure connection between the cylinder and the manifold or control module.

Product codes

GAS	LENGTH	INLET - OUTLET CONNECTION	P max.	CODE
NITROUS OXIDE	1 m	G3/8" 'A' - G3/8" 'A'	230 bar	HS032
OXYGEN	1 m	W21,7x1/14" 'A' - G3/4" 'A'	230 bar	HS050D
OXYGEN	1 m	W21,7x1/14" 'A' - SI22,91x1,814	230 bar	HS050F
NITROUS OXIDE	1 m	G3/8" 'A' - SI26x1,5 'B'	230 bar	HS051F
AIR	1 m	W30x1/14" 'A' - G5/8" 'B'	230 bar	HS052D
AIR	1 m	W30x1/14" 'A' - W24x2 'A'	230 bar	HS052F
CARBON DIOXIDE	1 m	W27x2 - W21,8x1/14" 'A'	230 bar	HS053D
CARBON DIOXIDE	1 m	W27x2 - SI21,7x1,814 'A'	230 bar	HS053F
NITROGEN	1 m	W21,7x1/14" 'B' - W24,32x1/14 'A'	230 bar	HS054D
OXYGEN	2 m	W21,7x1/14" 'B' - SI21,7x1,814 'A'	230 bar	HS054F
NITROUS OXIDE	2 m	G3/8" 'A' - G3/8" 'A'	230 bar	HS032Z
OXYGEN	2 m	W21,7x1/14" 'A' - G3/4" 'A'	230 bar	HS055D
OXYGEN	2 m	W21,7x1/14" 'A' - SI22,91x1,814	230 bar	HS055F
NITROUS OXIDE	2 m	G3/8" 'A' - SI26x1,5 'B'	230 bar	HS056F
AIR	2 m	W30x1/14" 'A' - G5/8" 'B'	230 bar	HS057D
AIR	2 m	W30x1/14" 'A' - W24x2 'A'	230 bar	HS057F
CARBON DIOXIDE	2 m	W27x2 'A' - W21,8x1/14" 'A'	230 bar	HS058D
CARBON DIOXIDE	2 m	W27x2 'A' - SI21,7x1,814 'A'	230 bar	HS058F
NITROGEN	2 m	W21,7x1/14" 'B' - W24,32x1/14" 'A'	230 bar	HS059D
NITROGEN	2 m	W21,7x1/14" 'B' - SI21,7x1,814 'A'	230 bar	HS059F

- Cylinder rack



Rack

The cylinder rack is used to wall mount one or more 40/50 l compressed gas cylinders; are available 1, 2 and 3 fold types and are equipped with a chain with snap hook to install cylinders safely and prevent them from accidentally falling.

Product codes

N. FOLD	CODE
1	HS026A
2	HS026
3	HS027

- Accessories



Bleed valve

The bleed valve is installed at the end of a manifold to purge the residual pressure in the line between the cylinders and the manifold itself and for maintenance or replacement of supply lines.

Product codes

GAS	CODE
OXYGEN	HV006
AIR	HV007
NITROUS OXIDE	HV008
CARBON DIOXIDE	HV009
NITROGEN	HV010

High pressure gas alarm control module

The SINTESY S120 alarm module is used to control alarms in medical gas distribution systems.



Product codes

POWER SUPPLY VOLTAGE	CODE
230 V	HQ100
24 V	HQ102



S200 Smart alarm concentrator

SINTESY S200smart is a remote control that displays the operating status of RTU (Remote Telemetry Unit) modules in the SINTESY supervision system.

Product codes

CODE
HQ107

Cylinder pressure regulators

- 451



451-type cylinder pressure regulator

Pressure regulator for cylinders, suitable for medical gases, equipped with dual pressure gauge to show high and low pressure, used on outlet of cylinders to reduce the pressure down to that of the line or equipment.

Product codes

GAS	CONNECTION	CODE
OXYGEN	G3/4" 'A'	HR052D
OXYGEN	SI22,91x1,814 'B'	HR052F
NITROUS OXIDE	SI26x1,5 'B'	HR053F
AIR	G5/8" DIN 'D'	HR054D
AIR	W24x2" 'A'	HR054F
CARBON DIOXIDE	W21,80X1/14" 'A'	HR055D
CARBON DIOXIDE	SI21,7X1,814 'A'	HR055F
NITROGEN	W24,32X1/14" 'A'	HR056D
NITROGEN	SI21,7x1,814 'A'	HR056F

- EURO/A



EURO/A cylinder pressure regulator

Pressure regulator for cylinders, suitable for medical gases, equipped with dual pressure gauge to show high and low pressure, used on outlet of cylinders to reduce the pressure down to that of the line or equipment.

Product codes

GAS	CONNECTION	CODE
OXYGEN	G3/4" 'A'	HR160D
OXYGEN	SI22,91x1,814	HR160F
NITROUS OXIDE	SI26x1,5 'B'	HR161F

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Product codes

GAS	CONNECTION	CODE
AIR	G5/8" DIN 'B'	HR162D
AIR	W24x2" 'A'	HR162F
CARBON DIOXIDE	W21,80x1/14" 'A'	HR163D
CARBON DIOXIDE	SI21,7x1,814 'A'	HR163F
NITROGEN	W24,32x1/14" 'A'	HR164D
NITROGEN	SI21,7x1,814 'A'	HR164F

- HF



HF cylinder pressure regulator

Pressure regulator for cylinders, suitable for medical gases, equipped with single pressure gauge to show high pressure, used on cylinder outlets to reduce the pressure down to that of the line or equipment.

Product codes

GAS	INLET CONNECTION	OUTLET CONNECTION	CODE	CATALOGUE NO.
OXYGEN	G 3/4" 'A'	Ø 6 mm hose connector	HR043	157971/R
OXYGEN	SI22,91x1,814 'B'	Ø 6 mm hose connector	HR043A	157971/R
OXYGEN	G 5/8" DIN 'B'	Ø 6 mm hose connector	HR210	157971/R
NITROUS OXIDE	SI26x1,5 'B'	Ø 6 mm hose connector	HR097	157971/R
NITROUS OXIDE	W21,7x1,814 'A'	Ø 6 mm hose connector	HR206	157971/R
AIR	G 5/8" DIN 'B'	Ø 6 mm hose connector	HR098	157971/R
AIR	W24x2 'A'	Ø 6 mm hose connector	HR099	157971/R
AIR	G 3/4" 'A'	Ø 6 mm hose connector	HR201	157971/R
CARBON DIOXIDE	W21,8x1/14" 'A'	Ø 6 mm hose connector	HR100	157971/R
CARBON DIOXIDE	SI21,7x1,814 'A'	Ø 6 mm hose connector	HR101	157971/R
NITROGEN	W21,7x1/14" 'A'	Ø 6 mm hose connector	HR047	157971/R
NITROGEN	W24,32x1/14" 'A'	Ø 6 mm hose connector	HR102	157971/R
NITROGEN	SI21,7x1,814 'A'	Ø 6 mm hose connector	HR103	157971/R
OXYGEN	SI21,91x1,814 'B'	Ø 6 mm hose connector	HR104	157971/R

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HF/86 cylinder pressure regulator

Pressure regulator for cylinders, suitable for medical gases, equipped with dual pressure gauge to show cylinder pressure and operating pressure, used on cylinder outlets to reduce the pressure down to that of the line or equipment.

Product codes

GAS	INLET CONNECTION	OUTLET CONNECTION	CODE
OXYGEN	G 3/4" 'A'	Ø 6 mm hose connector	HR110
OXYGEN	SI22,91x1,814 'B'	Ø 6 mm hose connector	HR111
OXYGEN	G 5/8" DIN 'B'	Ø 6 mm hose connector	HR214
NITROUS OXIDE	SI26x1,5 'B'	Ø 6 mm hose connector	HR113
NITROUS OXIDE	SI21,7x1,814 'A'	Ø 6 mm hose connector	HR179
AIR	G 5/8" DIN 'B'	Ø 6 mm hose connector	HR114
AIR	G 3/4" 'A'	Ø 6 mm hose connector	HR212
AIR	W24x2" 'A'	Ø 6 mm hose connector	HR115
CARBON DIOXIDE	W21,8x1/14" 'A'	Ø 6 mm hose connector	HR116
CARBON DIOXIDE	SI21,7x1,814 'A'	Ø 6 mm hose connector	HR117
NITROGEN	W24,32x1/14" 'A'	Ø 6 mm hose connector	HR118
NITROGEN	SI21,7x1,814 'A'	Ø 6 mm hose connector	HR119
NITROGEN	W21,7x1/14" 'A'	Ø 6 mm hose connector	HR213
OXYGEN	W23,42x1/14" 'A'	Ø 6 mm hose connector	HR223
OXYGEN	W21,8x1/14" 'A'	Ø 6 mm hose connector	HR224



HF/200 pressure regulator

Two-stage pressure regulator for cylinder, suitable for use with medical gases, equipped with two pressure gauges to show cylinder pressure and operating pressure.

Product codes

GAS	INLET CONNECTION	CODE
OXYGEN	G3/4" 'A'	HR126
OXYGEN	SI22,91x1,814 'B'	HR127
OXYGEN	G5/8" DIN 'B''B'	HR218
NITROUS OXYDE	SI26x1,5 'B'	HR129
NITROUS OXYDE	SI21,7x1,814 'A'	HR217
AIR	G5/8" DIN 'B'	HR130

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GAS	INLET CONNECTION	CODE
AIR	W24x2" 'A'	HR131
AIR	G3/4" 'A'	HR215
CARBON DIOXIDE	W21,80x1/14" 'A'	HR132
CARBON DIOXIDE	SI21,7x1,814 'A',	HR133
NITROGEN	W24,32x1/14" 'A'	HR134
NITROGEN	SI21,7x1,814 'A'	HR135
NITROGEN	W21,7x1/14" 'A'	HR216

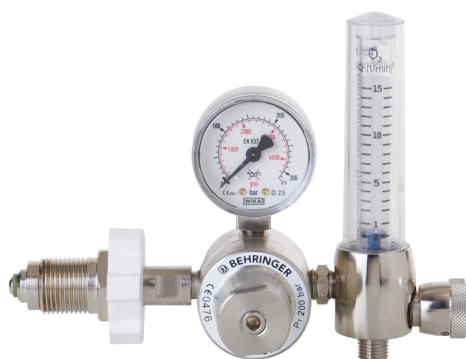


HF cylinder pressure regulator with terminal unit

Pressure regulator for cylinders, suitable for medical gases, equipped with single pressure gauge to show operating pressure, used on cylinder outlets to reduce the pressure down to that of the line or equipment.

Product codes

GAS	INLET CONNECTION	OUTLET CONNECTION	CODE
OXYGEN	SI22,91x1,814 'B'	AFNOR NF S 90-116	HR104
OXYGEN	G5/8" DIN 'B'	AFNOR NF S 90-116	HR207
NITROUS OXIDE	SI26x1,5 'B'	AFNOR NF S 90-116	HR105
NITROUS OXIDE	SI21,7x1,814 'A'	AFNOR NF S 90-116	HR204
AIR	W24x2" 'A'	AFNOR NF S 90-116	HR106
AIR	G3/4" 'A'	AFNOR NF S 90-116	HR195
CARBON DIOXIDE	SI21,7x1,814 'A'	AFNOR NF S 90-116	HR107
CARBON DIOXIDE	W21,8x1/14" 'A'	AFNOR NF S 90-116	HR203
NITROGEN	W21,7x1/14" 'A'	AFNOR NF S 90-116	HR048
NITROGEN	SI21,7x1,814 'A'	AFNOR NF S 90-116	HR108



HF FLUX cylinder pressure regulator

Pressure regulator for cylinders, suitable for medical gases, equipped with a pressure gauge to show the High Pressure.

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Product codes

GAS	INLET CONNECTION	CODE	CATALOGUE NO.
OXYGEN	G 3/4" 'A'	HR041	157971/R
OXYGEN	SI22,91x1,814 'B'	HR042	157971/R
OXYGEN	G 5/8" DIN 'B'	HR209	157971/R
AIR	G 5/8" DIN 'B'	HR092	157971/R
AIR	W24x2" 'A'	HR093	157971/R
AIR	G 3/4" 'A'	HR202	157971/R



HF/P pressure regulator

Low Pressure regulator, suitable for medical gases, thanks to the rear probe it can be installed directly downstream of a UNI, AFNOR, NIST, DIN or BS terminal unit to regulate the operating pressure of machinery or instruments.

Product codes

GAS	INLET CONNECTION	CODE
OXYGEN	AFNOR	HR136
AIR 4	AFNOR	HR137
NITROUS OXIDE	AFNOR	HR138
CARBON DIOXIDE	AFNOR	HR139
NITROGEN	AFNOR	HR140
AIR 8	AFNOR	HR141
AIR 4	BS	HR225
AIR 4	DIN	HR227
AIR 8	NIST	HR230
OXYGEN	BS	HR232
OXYGEN	DIN	HR234

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- Trolleies



Gas cylinder trolley

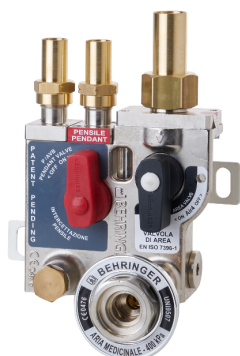
The gas cylinder trolley, made entirely of white-painted tubular steel, is designed for transporting medical gas cylinders.

Product codes

CYLINDER LITER	CODE
10 l	HS020
40 l	HS022A

Shut-off valves

- Shut-off valves



P/AVB area valves

The P/AVB area valve was developed to meet the safety requirements of Standard 7396-1 and at the same time guarantee notable savings in terms of the time required for installation and building work.

Product codes

CODE	SOCKET TYPE	GAS	CATALOGUE NO.
HG090PEAFN	AFNOR NF S 90-116	OXYGEN	1244949/R
HG090PEBS	BS 5682	OXYGEN	1244949/R
HG090PEDIN	DIN 13260-2	OXYGEN	1244949/R
HG091PEAFN	AFNOR NF S 90-116	NITROUS OXIDE	1244949/R
HG091PEBS	BS 5682	NITROUS OXIDE	1244949/R
HG091PEDIN	DIN 13260-2	NITROUS OXIDE	1244949/R
HG092PEAFN	AFNOR NF S 90-116	AIR 400	1244949/R
HG092PEBS	BS 5682	AIR 400	1244949/R
HG092PEDIN	DIN 13260-2	AIR 400	1244949/R
HG093PEBS	BS 5682	AIR 700	1244949/R

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Product codes

CODE	SOCKET TYPE	GAS	CATALOGUE NO.
HG093PENST	NIST ISO 18082	AIR 800	1244949/R
HG094PEAFN	AFNOR NF S 90-116	CARBON DIOXIDE	1244949/R
HG094PEDIN	DIN 13260-2	CARBON DIOXIDE	1244949/R
HG095PEAFN	AFNOR NF S 90-116	NITROGEN	1244949/R
HG096PE	VAC	VAC	1244949/R
HG098PEBS	BS 5682	MIX O ₂ /CO ₂	1244949/R



AVB area valves

The AVB area valve is cast in CW614N chemically nickel-plated brass, the inlet and outlet have a connection for a Ø 16 mm weld-on pipe; the former can be shut off using a ball valve, and can optionally be fitted with a proximity sensor.

Product codes

SOCKET TYPE	GAS	CODE	CATALOGUE NO.
AFNOR NF S 90-116	OXYGEN	HG090AFN	1244929/R
BS 5682	OXYGEN	HG090BS	1244929/R
DIN 13260-2	OXYGEN	HG090DIN	1244929/R
AFNOR NF S 90-116	NITROUS OXIDE	HG091AFN	1244929/R
BS 5682	NITROUS OXIDE	HG091BS	1244929/R
DIN 13260-2	NITROUS OXIDE	HG091DIN	1244929/R
AFNOR NF S 90-116	AIR 400	HG092AFN	1244929/R
BS 5682	AIR 400	HG092BS	1244929/R
DIN 13260-2	AIR 400	HG092DIN	1244929/R
BS 5682	AIR 700	HG093BS	1244929/R
NIST ISO 18082	AIR 800	HG093NST	1244929/R
AFNOR NF S 90-116	CARBON DIOXIDE	HG094AFN	1244929/R
DIN 13260-2	CARBON DIOXIDE	HG094DIN	1244929/R
AFNOR NF S 90-116	NITROGEN	HG095AFN	1244929/R



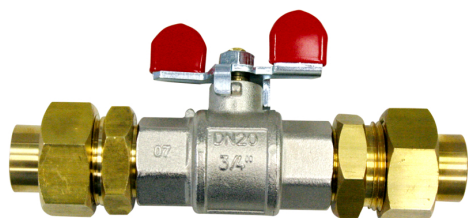
Vac AVB area valve

The Vac AVB area valve is used to shut off VACUUM line pipes; it consists of a Ø 28 mm chemically nickel-plated copper pipe, a 1" ball valve and a G 1/4" F R threaded stub end for the installation of a pressure gauge or a pressure gauge with electrical contacts.

Product codes

GAS	CODE	CATALOGUE NO.
Vac	HG096	1244969/R

- Service valves



Shut-off valve

Service shut-off valves are required to shut off each riser, branch and circuit of a medical gas and vacuum system.

Product codes

VALVE SIZE	Ø PIPE	CODE
3/8"	10 mm	H0670B
3/8"	12 mm	H0671
1/2"	16 mm	H0672
1/2"	18 mm	H0672A
3/4"	22 mm	H0674
1"	28 mm	H0676
1" 1/4	35 mm	H0677
1" 1/2	42 mm	H0678
2"	54 mm	H0679

- Boxes

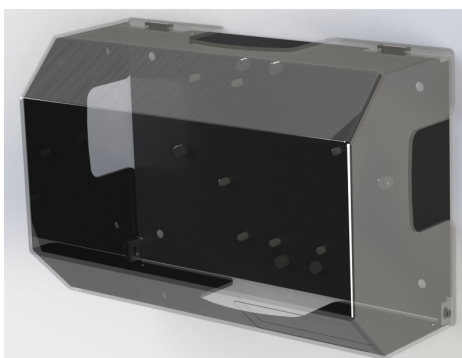


Gas shut-off box

Shut-off valves box available in two versions: wall mount or recessed.

Product codes

N. OF GAS OUTLETS	TYPE	CODE
3	EXTERNAL	CAR3GAREAESTC
3	RECESSED	CAR3GAREAINCC
5	EXTERNAL	CAR5GAREAESTC
5	RECESSED	CAR5GAREAINCC

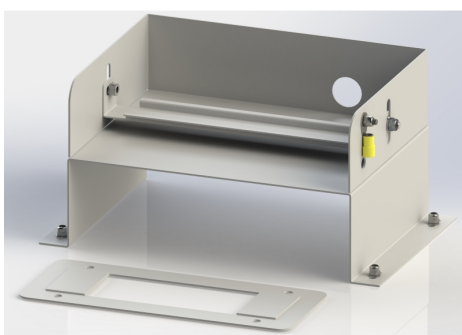


Single gas shut-off box

Single shut-off box in galvanized iron and white painted with anti-scratch powder for shut-off valves suitable for wall installation; the plexiglass cover allows immediate reading of the pressures and the status of the valves.

Product codes

N. OF GAS OUTLETS	TYPE	CODE
1	EXTERNAL	CAR1GESTNFR



Alarm kit built into shut-off module

This kit lets you install the alarm in a shut-off box.

Product codes

CODE
CARALAREA

- Accessories



Valve status alarm

The SINTESY S120 alarm module is used to control alarms in medical gas distribution systems.

Product codes

POWER SUPPLY VOLTAGE	CODE
230 V	HQ105
24 V	HQ106



Alarm repeater

The SINTESY S122 module is a medical device used to control alarms in medical gas distribution systems.

Product codes

CODE
HQ104

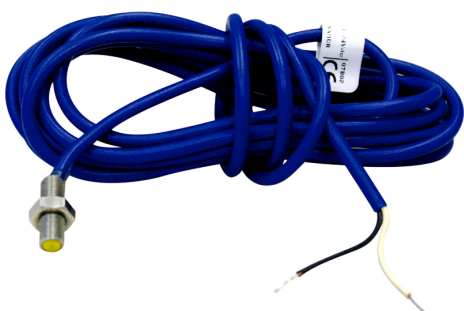
Ball valve proximity sensor kit



The proximity sensor can detect objects in the immediate vicinity of the "sensitive side" of the sensor, without having to actually make physical contact.

Product codes

VALVES SIZE	CODE
1/4" - 3/8" - 1/2" - 3/4" - 1"	H0680B
1" 1/4 - 1" 1/2	H0680C



Proximity sensor

The proximity sensor can detect objects in the immediate vicinity of the "sensitive side" of the sensor, without having to actually make physical contact.

Product codes

CODE
H0680



Contact type pressure gauge

Pressure gauge with electric contacts compatible for medical use, class 2,5; when the pressure drops below the threshold, the device sends a signal to the alarm to which it is connected.

Product codes

TRESHOLD	CONNECTION	RANGE	CODE
3,8 - 5,6 bar	G1/4" M R - CBM	0-10 bar	HM106
6,5 - 9,5 bar	G1/4" M R - CBM	0-16 bar	HM107
-0,4 bar	G1/4" M R - CBM	-1-0 bar	HM108

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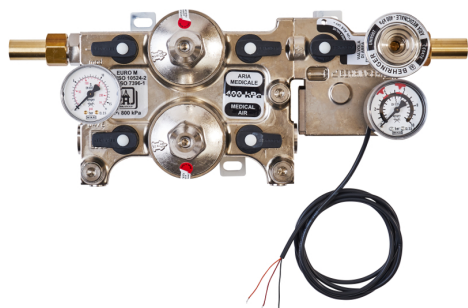
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Second stage reducer module

- Unit with built-in area valve



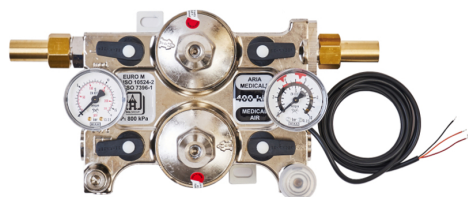
Second stage unit with built-in area valve

The unit is made of two CW614N chemically nickel-plated brass castings, one casting for the regulator body, and the other casting for the zone shut-off valve; the regulator body has two decompression lines with two EURO regulators connected in by-pass through four ball valves, two on the inlet and two on the outlet of the same.

Product codes

SOCKET	GAS	CODE	CATALOGUE NO.
AFNOR NF S 90-116	OXYGEN	HG080AFN	1244545/R
AFNOR NF S 90-116	NITROUS OXIDE	HG081AFN	1244778/R
AFNOR NF S 90-116	AIR 400	HG082AFN	1244781/R
NIST EN 739	AIR 800	HG083NST	1244784/R
AFNOR NF S 90-116	CARBON DIOXIDE	HG084AFN	1244786/R
AFNOR NF S 90-116	NITROGEN	HG085AFN	1244789/R

- Unit without built-in area valve



Second stage unit without area valve

The 2nd stage unit is made of cast CW614N chemically nickel-plated brass; the regulator body has two decompression lines with two EURO regulators connected in by-pass through four ball valves, two on the inlet and two on the outlet of the same.

Product codes

SOCKET	GAS	CODE	CATALOGUE NO.
AFNOR NF S 90-116	OXYGEN	HG080NAAFN	1244559/R
AFNOR NF S 90-116	NITROUS OXIDE	HG081NAAFN	1244856/R
AFNOR NF S 90-116	AIR 400	HG082NAAFN	1244860/R
NIST EN 739	AIR 800	HG083NANST	1244864/R
AFNOR NF S 90-116	CARBON DIOXIDE	HG084NAAFN	1244867/R
AFNOR NF S 90-116	NITROGEN	HG085NAAFN	1244871/R

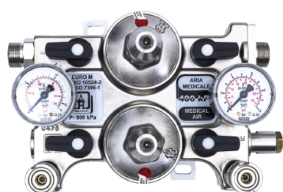
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Second stage unit threaded G 1/4

The 2nd stage unit is made of cast CW614N chemically nickel-plated brass; the device has a pressure gauge that shows the pressure upstream of the reducers and another pressure gauge that shows the operating pressure; there is also a G 1/4" F R threaded fitting which can be used to install any kind of accessory.

Product codes

SOCKET	GAS	CODE	CATALOGUE NO.
AFNOR NF S 90-116	OXYGEN	HG080F	1244559/R
AFNOR NF S 90-116	NITROUS OXIDE	HG081F	1244856/R
AFNOR NF S 90-116	AIR 400	HG082F	1244860/R
AFNOR NF S 90-116	AIR 700	HG083F	1244864/R
AFNOR NF S 90-116	CARBON DIOXIDE	HG084F	1244867/R
AFNOR NF S 90-116	NITROGEN	HG085F	1244871/R

- Vacuum unit



Vac second stage unit

The Vac 2nd stage unit is used to shut off VACUUM line pipes; it consists of a Ø 28 mm chemically nickel-plated copper pipe, a 1" ball valve and a G 1/4" F R threaded stub end for the installation of a pressure gauge with electrical contacts and a range of -1/0 bar.

Product codes

GAS	CODE
Vac	HG086

VAC second stage unit threaded G 1/4

The VAC 2nd stage unit is used to shut off VACUUM line pipes; it consists of a Ø 28 mm chemically nickel-plated copper pipe, a 1" ball valve and a G 1/4" F R threaded stub end for the installation of a pressure gauge with electrical contacts and a range of -1/0 bar.



Product codes

GAS	CODE
VAC	HG086

- Boxes

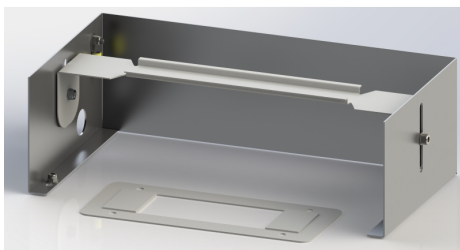


EN 7396-1 second stage box

2nd stage reduction unit box available in two versions: wall mount or recessed.

Product codes

N. OF GAS OUTLETS	TYPE	CODE
3	EXTERNAL	CAR3GIISTESTC
3	RECESSED	CAR3GIISTINCC
5	EXTERNAL	CAR5GIISTESTC
5	RECESSED	CAR5GIISTINCC



Alarm kit built into second stage module

This kit lets you install the alarm in a shut-off box.

Product codes

CODE
CARALIIST

- Accessories



Second stage alarm

The SINTESY S120 alarm module is used to control alarms in food-grade gas distribution systems.

Product codes

POWER SUPPLY VOLTAGE	CODE
230 V	HQ101
24 V	HQ103

Terminal unit

- UNI 9507



UNI 9507 socket

The socket is UNI 9507 standard compliant; the socket is the final part of the compressed gas distribution system.

Product codes

GAS	CODE
OXYGEN	HP201
AIR 400	HP202
VAC	HP203
NITROUS OXIDE	HP204

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Product codes

GAS	CODE
AIR 800	HP205
CARBON DIOXIDE	HP206
NITROGEN 400	HP207



Universal base block

The UNI 9507 base block or base is used to mount the following terminal units.

Product codes

GAS	CODE	CATALOGUE NO.
OXYGEN	HP007	158607/R
AIR 400	HP009	158607/R
NITROGEN OXIDE	HP011	158607/R
CARBON DIOXIDE	HP011A	158607/R
NITROGEN 400	HP011B	158607/R
VAC	HP013	158607/R
AIR 800	HP015	158607/R



UNI 9507 dual socket splitter adapter

The dual splitter adapter can be connected to one supply point so two UNI 9507 sockets can be used to dispense medical gas to two patients from one single supply point.

Product codes

GAS	CODE	CATALOGUE NO.
OXYGEN	HP059	158607/R
AIR 400	HP060	158607/R
VAC	HP061	158607/R
NITROUS OXIDE	HP062	158607/R

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- Socket unit UNI 9507 - AFNOR NF S 90-116



Socket unit UNI 9507/AFNOR NF S 90-116

The adapter socket is compliant with the following standards: French NF S 90-116 for the profile or the socket and the relevant probe, UNI 9507 for the connection between the socket and base.

Product codes

GAS	CODE	CATALOGUE NO.
OXYGEN	HP020C	159508/R
AIR 400	HP020D	159508/R
VAC	HP020ER1	159508/R
NITROUS OXIDE	HP020F	159508/R
CARBON DIOXIDE	HP020H	159508/R
NITROGEN 400	HP020I	159508/R

- AFNOR NF S 90-116



AFNOR NF S 90-116 monobloc terminal unit

The terminal unit is the final part of the compressed gas distribution system.

Product codes

GAS	CODE	TYPE
OXYGEN	HP001	
AIR 400	HP002	
VAC	HP003	
NITROUS OXIDE	HP004	
AIR 800	HP005	
CARBON DIOXIDE	HP005A	
NITROGEN 400	HP005B	
OXYGEN	HP001T	Copper pipe Ø10 mm
AIR 400	HP002T	Copper pipe Ø10 mm

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Product codes

GAS	CODE	TYPE
VAC	HP003T	Copper pipe Ø10 mm
NITROUS OXIDE	HP004T	Copper pipe Ø10 mm
CARBON DIOXIDE	HP005AT	Copper pipe Ø10 mm



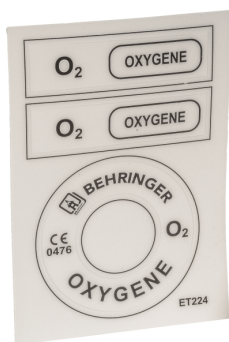
AFNOR NF S 90-116 dual socket splitter adapter

The dual splitter adapter can be connected to one supply point so two AFNOR NF S 90-116 sockets can be used to dispense medical gas to two patients from one single supply point.

Product codes

GAS	CODE
OXYGEN	HP055
AIR 400	HP056
VAC	HP057
NITROUS OXIDE	HP058

- AFNOR FR



AFNOR FR socket

The AFNOR FR socket complies with the French standard NF S 90-116, and can only be installed with the relevant AFNOR FR base block.

Product codes

GAS	CODE
OXYGEN	HP180
AIR 400	HP181
VACUUM	HP182
NITROUS OXIDE	HP183
AIR 700	HP184

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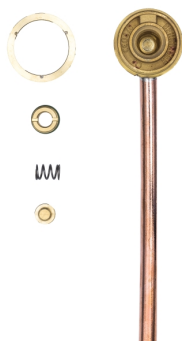
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Product codes

GAS	CODE
CARBON DIOXIDE	HP185
NITROGEN 400	HP186

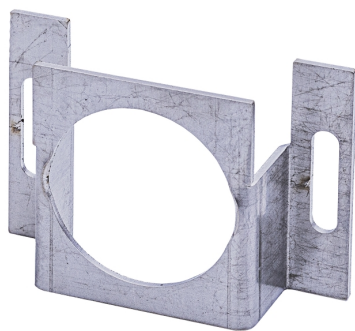


AFNOR FR base block

The AFNOR FR base block or base is used to mount the following sockets.

Product codes

GAS	CODE
OXYGEN	HP187
AIR 400	HP188
VACUUM	HP189
NITROUS OXIDE	HP190
CARBON DIOXIDE	HP191
NITROGEN 400	HP192



AFNOR FR socket fixing bracket

The fixing bracket for AFNOR FR sockets is suitable for bed head panel installation.

Product codes

CODE
K221

- DIN 13260-2



DIN 13260-2 socket

The socket is DIN 13260-1 standard compliant; the socket is the final part of the compressed gas distribution system.

Product codes

GAS	CODE
OXYGEN	HP045B
AIR 400	HP046B
NITROUS OXIDE	HP047B
VAC	HP048B
CARBON DIOXIDE	HP049C



DIN 13260 - BS 5682 base block

The DIN 13260 - BS 5682 base block or base is used to mount the relevant terminal units.

Product codes

GAS	INLET CONNECTION	CODE
OXYGEN	Ø 10 mm copper pipe	HP090
AIR 400	Ø 10 mm copper pipe	HP091
VAC	Ø 10 mm copper pipe	HP092
NITROGEN OXIDE	Ø 10 mm copper pipe	HP093
AIR 800	Ø 10 mm copper pipe	HP094
CARBON DIOXIDE	Ø 10 mm copper pipe	HP095

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- BS 5682



BS 5682 socket

The socket is BS 5682 standard compliant; the socket is the final part of the compressed gas distribution system.

Product codes

GAS	CODE
OXYGEN	HP050
AIR 400	HP051
NITROUS OXIDE	HP052
VAC	HP053
AIR 700	HP054

- NIST ISO 18082



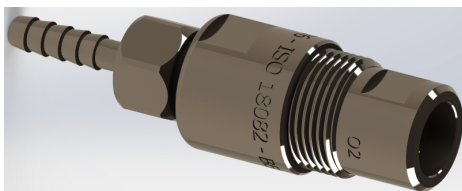
ISO 18082 NIST socket

The NIST socket is UNI EN ISO 18082:2015 standard compliant; UNI 9507 standard connection between socket and base.

Product codes

GAS	CODE	CATALOGUE NO.
AIR 800	HP020N	179282/R

ISO 18082 NIST socket with hose connection

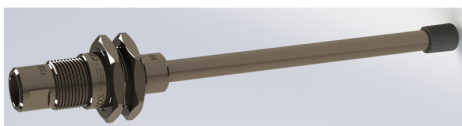


The NIST socket meets UNI EN ISO 18082:2015 standards; the socket is connected to the medical gas distribution system by a Ø6 mm hose connector.

Product codes

GAS	TYPE	CODE
AIR 800		HP015C
OXYGEN		HP120B
AIR 400		HP121B
VACUUM		HP122B
NITROUS OXIDE		HP123B
CARBON DIOXIDE		HP124B
OXYGEN	FREE FLOW	HP216
AIR 400	FREE FLOW	HP217
AIR 800	FREE FLOW	HP218
VACUUM	FREE FLOW	HP219
NITROUS OXIDE	FREE FLOW	HP220
CARBON DIOXIDE	FREE FLOW	HP221

ISO 18082 NIST socket with weld-on pipe



The NIST socket meets UNI EN ISO 18082:2015 standards; the socket is connected to the medical gas distribution system by a Ø10 mm.

Product codes

GAS	Ø TUBO	TYPE	CODE
OXYGEN	Ø 10 mm		HP222
AIR 400	Ø 10 mm		HP223
AIR 800	Ø 10 mm		HP224
VACUUM	Ø 10 mm		HP225
NITROUS OXIDE	Ø 10 mm		HP226
CARBON DIOXIDE	Ø 10 mm		HP227
OXYGEN	Ø 10 mm	FREE FLOW	HP228
AIR 400	Ø 10 mm	FREE FLOW	HP229
AIR 800	Ø 10 mm	FREE FLOW	HP230

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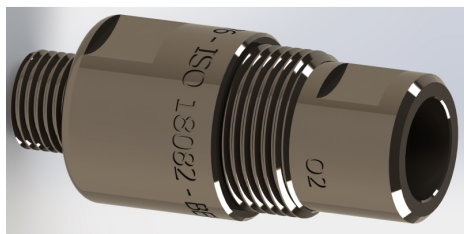
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Product codes

GAS	Ø TUBO	TYPE	CODE
VACCUM	Ø 10 mm	FREE FLOW	HP231
NITROUS OXIDE	Ø 10 mm	FREE FLOW	HP232
CARBON DIOXIDE	Ø 10 mm	FREE FLOW	HP233



ISO 18082 NIST socket threaded

The NIST socket meets UNI EN ISO 18082:2015 standards; the socket is connected to the medical gas distribution system by a G1/4" M R or G3/8" M R threaded connection.

Product codes

GAS	TYPE	CODE
AIR 800	G1/4" M R	HP015B
OXYGEN	G1/4" M R	HP120A
AIR 400	G1/4" M R	HP121A
VACUUM	G1/4" M R	HP122A
NITROUS OXIDE	G1/4" M R	HP123A
CARBON DIOXIDE	G1/4" M R	HP124A
OXYGEN	FREE FLOW	HP210
AIR 400	FREE FLOW	HP211
AIR 800	FREE FLOW	HP212
VACUUM	FREE FLOW	HP213
NITROUS OXIDE	FREE FLOW	HP214
CARBON DIOXIDE	FREE FLOW	HP215
OXYGEN	G3/8" M R	HP262
AIR 400	G3/8" M R	HP263
AIR 800	G3/8" M R	HP264
VACUUM	G3/8" M R	HP265
NITROUS OXIDE	G3/8" M R	HP266
CARBON DIOXIDE	G3/8" M R	HP267

- Scavenging EN ISO 9170-2



UNI AGSS 1L EN ISO 9170-2 socket

The socket is EN ISO 9170-2 standard compliant; the socket is the final part of the compressed gas distribution system.

Product codes

GAS	TYPE	CODE
AGSS	1L	HP108



UNI 9507 - AGSS EN ISO 9170-2 base block

The UNI 9507 - AGSS EN ISO 9170-2 base block or base is made of CW614N chemically nickel-plated pressure die-cast brass with a Ø 16 mm welded copper inlet pipe.

Product codes

GAS	CODE	CATALOGUE NO.
AGSS	HP021A	159537/R

- Recessed and external kit



External base kit

The kit is made of ABS and is used to house externally wall-mounted AFNOR, UNI, DIN BS and Adapter terminal units.

Product codes

BASE TYPE	CODE
AFNOR	HK100
BINORMA - DIN - NIST - BS	HK101
UNI - AGSS	HK102



Recessed base kit

The kit is made of ABS and is used to house recessed AFNOR, UNI, DIN BS and Adapter terminal units.

Product codes

BASE TYPE	CODE
AFNOR	HK103
ADAPTER	HK104
UNI - AGSS - DIN - BS	HK105

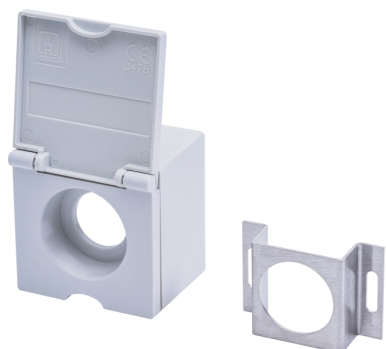


Recessed base box finisher panel

Colored ABS finisher panel, screen printed with the name of the gas used.

Product codes

GAS	CODE
OXYGEN	K183A
AIR 400	K183B
NITROUS OXIDE	K183C
AIR 800	K183D
VAC	K183E
CARBON DIOXIDE	K183F
NITROGEN 400	K183G



AFNOR FR external base kit

The kit is made of ABS and is used to house externally wall-mounted AFNOR FR terminal units.

Product codes

BASE TYPE	CODE
AFNOR FR	HK120

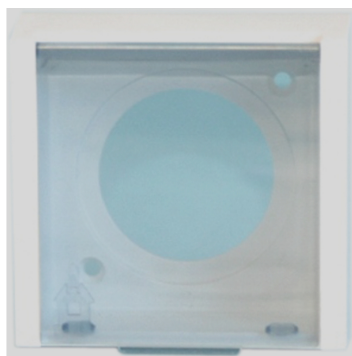


AFNOR - Adapter cover finisher kit

ABS cover with transparent panel for finishing "External base kit" for AFNOR and Adapter bases.

Product codes

GAS	CODE
OXYGEN	HK049
AIR 400	HK050
NITROUS OXIDE	HK051
AIR 800	HK052
VAC	HK053
CARBON DIOXIDE	HK054
NITROGEN 400	HK055



UNI - AGSS - DIN - BS cover finisher kit

PVC cover with transparent panel for finishing "External base kit".

Product codes

CODE
HK065



Bed head ring

PVC adhesive bed head ring, screen printed and colored to specify the name of the gas used.

Product codes

GAS	CODE
OXYGEN	K01901
AIR 400	K01902
NITROGEN	K01903
AIR 800	K01904
VAC	K01905
CARBON DIOXIDE	K01906
NITROGEN 400	K01907

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Oxygen therapy and aspiration

- Flowmeters



Flowmeter

The flowmeter is used to dose medical gases such as air or oxygen; it can be connected to the gas distribution system using suitable AFNOR NF S 90-116, DIN 13260-1, BS 5682 compliant probes or probes with a G 1/4" M R thread.

Product codes

CONNECTION	TYPE	GAS	SCALE	CODE	CATALOGUE NO.
G1/4" M R		OXYGEN	0-15 l/min	HF001	156317/R
G1/4" M R		AIR	0-15 l/min	HF005	156317/R
AFNOR NF S 90-116		OXYGEN	0-15 l/min	HF002A	156317/R
AFNOR NF S 90-116	M12X1,25 M	OXYGEN	0-15 l/min	HF033	156317/R
AFNOR NF S 90-116		AIR	0-15 l/min	HF005E	156317/R
DIN 13260-2		OXYGEN	0-15 l/min	HF003A	156317/R
DIN 13260-2		AIR	0-15 l/min	HF005D	156317/R
BS 5682		OXYGEN	0-15 l/min	HF030	156317/R
BS 5682		AIR	0-15 l/min	HF031	156317/R
AFNOR NF S 90-116	Rail with 1 m hose	OXYGEN	0-15 l/min	HF047	156317/R
AFNOR NF S 90-116	Rail with 1 m hose	AIR	0-15 l/min	HF060	156317/R
DIN 13260-2	Rail with 1 m hose	OXYGEN	0-15 l/min	HF049	156317/R
DIN 13260-2	Rail with 1 m hose	AIR	0-15 l/min	HF062	156317/R
BS 5682	Rail with 1 m hose	OXYGEN	0-15 l/min	HF050	156317/R
BS 5682	Rail with 1 m hose	AIR	0-15 l/min	HF063	156317/R



Double flowmeter

The dual flowmeter splitter adapter can be used to connect two flowmeters to one single supply point and supply medical gas to two patients simultaneously.

Product codes

INLET CONNECTION	GAS	RANGE	CODE	CATALOGUE NO.
G 1/4" M DX	OXYGEN	0-15 l/min	HF004	156317/R
AFNOR NF S 90-116	OXYGEN	0-15 l/min	HF004A	156317/R
DIN 13260-2	OXYGEN	0-15 l/min	HF004C	156317/R
BS 5682	OXYGEN	0-15 l/min	HF004D	
G 1/4" M DX	AIR	0-15 l/min	HF025	
AFNOR NF S 90-116	AIR	0-15 l/min	HF026	
DIN 13260-2	AIR	0-15 l/min	HF028	
BS 5682	AIR	0-15 l/min	HF029	

- Humidifiers



Humidifier

The bubble humidifier is used in oxygen therapy to humidify the oxygen the patient is breathing; it is connected downstream of the flowmeter using a G 1/4" F R thread.

Product codes

VOLUME	CONNECTION	TOP MATERIAL	CODE	N. REPERTORY
300 cc	G1/4" M R	ABS	HU004	98996/R
300 cc	M12x1,25	ABS	HU008	98996/R

- Vacuum regulator



RVB vacuum regulator

The RVB vacuum regulator regulates and measures the vacuum used for medical suction; there are three models that differ on the basis of the degree of vacuum the user needs to regulate: RVB 1000 up to -950 mbar, RVB 600 up to -600 mbar and RVB 250 up to -250 mbar.

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CONNECTION	TYPE	RANGE	CODE	CATALOGUE NO.
G 1/4" M DX		-1000-0 mbar	HR060	217492/R
AFNOR NF S 90-116		-1000-0 mbar	HR061A	217492/R
DIN 13260-2		-1000-0 mbar	HR083	217492/R
BS 5682		-1000-0 mbar	HR057	217492/R
G 1/4" M DX		-600-0 mbar	HR067	217492/R
AFNOR NF S 90-116		-600-0 mbar	HR068A	217492/R
DIN 13260-2		-600-0 mbar	HR085	217492/R
BS 5682		-600-0 mbar	HR090	217492/R
G 1/4" M DX		-250-0 mbar	HR074	217492/R
AFNOR NF S 90-116		-250-0 mbar	HR075A	217492/R
DIN 13260-2		-250-0 mbar	HR087	217492/R
BS 5682		-250-0 mbar	HR089	217492/R
AFNOR NF S 90-116	Rail with 1 m hose	-1000-0 mbar	HR064	217492/R
DIN 13260-2	Rail with 1 m hose	-1000-0 mbar	HR084	217492/R
BS 5682	Rail with 1 m hose	-1000-0 mbar	HR058	217492/R
AFNOR NF S 90-116	Rail with 1 m hose	-600-0 mbar	HR071	217492/R
DIN 13260-2	Rail with 1 m hose	-600-0 mbar	HR086	217492/R
BS 5682	Rail with 1 m hose	-600-0 mbar	HR090A	217492/R
AFNOR NF S 90-116	Rail with 1 m hose	-250-0 mbar	HR078	217492/R
DIN 13260-2	Rail with 1 m hose	-250-0 mbar	HR088	217492/R
BS 5682	Rail with 1 m hose	-250-0 mbar	HR089A	217492/R

- Collection jar



RVB collection jar

The collection jar is installed upstream of the RVB vacuum regulator to protect the suction system and regulator from impurities; it has a hose connector on the inlet and is connected to the vacuum regulator by a G 1/2" F R thread.

Product codes

VOLUME	CONNECTION	CODE	CATALOGUE NO.
150 cc	G1/4" M R	HR081	217492/R
300 cc	G1/4" M R	HR082	217492/R

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- Probes

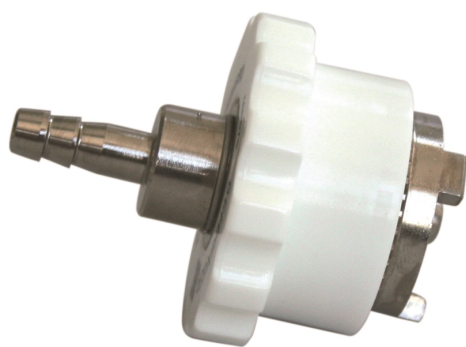
UNI 9507 probe

The UNI probe complies with UNI 9507 standards; the probe can be used to supply the desired medical gas from the clinic-hospital system.



Product codes

CONNECTION	GAS	OUTLET	CODE	CATALOGUE NO.
Hose connector Ø6	OXYGEN	In line	HI010	159659/R
Hose connector Ø6	AIR 400	In line	HI011	159659/R
Hose connector Ø8	VACUUM	In line	HI012	159659/R
Hose connector Ø6	NITROUS OXIDE	In line	HI013	159659/R
Hose connector Ø6	NITROUS 800	In line	HI014	159659/R
Hose connector Ø6	CARBON DIOXIDE	In line	HI014A	159659/R
Hose connector Ø6	NITROGEN 400	In line	HI014B	159659/R
Hose connector Ø6	NITROGEN 800	In line	HI014C	159659/R
Hose connector Ø6	OXYGEN	90°	HI026	159659/R
Hose connector Ø6	AIR 400	90°	HI027	159659/R
Hose connector Ø8	VACUUM	90°	HI028	159659/R
Hose connector Ø6	NITROUS OXIDE	90°	HI029	159659/R
Hose connector Ø6	AIR 800	90°	HI029A	159659/R
Hose connector Ø6	CARBON DIOXIDE	90°	HI030	159659/R
Hose connector Ø6	NITROUS 400	90°	HI031	159659/R
G1/4" F R	OXYGEN	In line	HI015	159659/R
G1/4" F R	AIR 400	In line	HI015A	159659/R
G1/4" F R	VACUUM	In line	HI016	159659/R
G1/4" F R	NITROUS OXIDE	In line	HI016A	159659/R
G1/4" F R	AIR 800	In line	HI016B	159659/R
G1/4" F R	CARBON DIOXIDE	In line	HI016C	159659/R

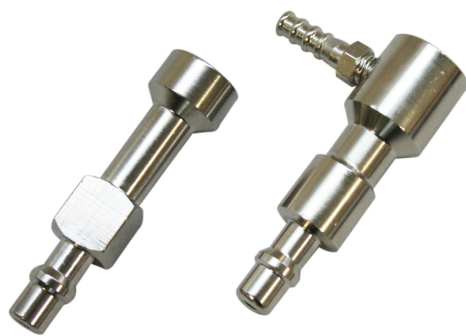


AFNOR NF S 90-116 probe

The AFNOR probe complies with the NF S 90-116 standard; the probe can be used to supply the desired medical gas from the clinic-hospital system.

Product codes

CONNECTION	TYPE	GAS	OUTLET	CODE	CATALOGUE NO.
Hose connector Ø6	Without lock system	OXYGEN	In line	HI001	174670/R
Hose connector Ø6	Without lock system	AIR 400	In line	HI002	174670/R
Hose connector Ø8	Without lock system	VAC	In line	HI003	174670/R
Hose connector Ø6	Without lock system	NITROUS OXIDE	In line	HI004	174670/R
Hose connector Ø6	Without lock system	NITROGEN 400	In line	HI005A	174670/R
Hose connector Ø6	Without lock system	CARBON DIOXIDE	In line	HI005B	174670/R
Hose connector Ø6	Without lock system	NITROGEN 800	In line	HI005C	174670/R
Hose connector Ø6	Without lock system	AIR 800	In line	HI005E	174670/R
Hose connector Ø6	Without lock system	AIR 800	In line	HI100	174670/R
G1/4" F R	With lock system	OXYGEN	In line	HI073	174670/R
G1/4" F R	With lock system	AIR 400	In line	HI074	174670/R
G1/4" F R	With lock system	VAC	In line	HI075	174670/R
G1/4" F R	With lock system	NITROUS OXIDE	In line	HI076	174670/R
G1/4" F R	With lock system	NITROGEN 400	In line	HI077	174670/R
G1/4" F R	With lock system	CARBON DIOXIDE	In line	HI078	174670/R
G1/4" F R	With lock system	AIR 800	In line	HI101	174670/R
Hose connector Ø6	Without lock system	OXYGEN	90°	HI020	174670/R
Hose connector Ø6	Without lock system	AIR 400	90°	HI021	174670/R
Hose connector Ø8	Without lock system	VAC	90°	HI022	174670/R
Hose connector Ø6	Without lock system	NITROUS OXIDE	90°	HI023	174670/R
Hose connector Ø6	Without lock system	CARBON DIOXIDE	90°	HI024	174670/R
Hose connector Ø6	Without lock system	NITROGEN 400	90°	HI025	174670/R
Hose connector Ø6	Without lock system	AIR 800	90°	HI102	174670/R



DIN 13260-2 probe

The DIN probe is DIN 13260-2 standard compliant; the probe can be used to supply the desired medical gas from the clinic-hospital system.

Product codes

CONNECTION	GAS	OUTLET	CODE	CATALOGUE NO.
Hose connector Ø6	OXYGEN	90° elbow	HI061	174670/R
Hose connector Ø6	AIR 400	90° elbow	HI062	174670/R
Hose connector Ø8	VAC	90° elbow	HI063	174670/R
Hose connector Ø6	NITROUS OXIDE	90° elbow	HI064	174670/R
Hose connector Ø6	CARBON DIOXIDE	90° elbow	HI066	174670/R
G1/4" F R	OXYGEN	In line	HI067	174670/R
G1/4" F R	AIR 400	In line	HI068	174670/R
G1/4" F R	VAC	In line	HI069	174670/R
G1/4" F R	NITROUS OXIDE	In line	HI070	174670/R
G1/4" F R	CARBON DIOXIDE	In line	HI072	174670/R



BS 5682 probe

The BS probe is BS 5682 standard compliant; the probe can be used to supply the desired medical gas from the clinic-hospital system.

Product codes

CONNECTION	GAS	OUTLET	CODE
G1/4" F R	OXYGEN	In line	HI044
G1/4" F R	AIR 400	In line	HI045
G1/4" F R	NITROUS OXIDE	In line	HI046
G1/4" F R	VAC	In line	HI047
G1/4" F R	AIR 700	In line	HI048
Hose connector Ø6	OXYGEN	In line	HI038
Hose connector Ø6	AIR 400	In line	HI039
Hose connector Ø6	NITROUS OXIDE	In line	HI040
Hose connector Ø8	VAC	In line	HI041
Hose connector Ø6	AIR 700	In line	HI042
Hose connector Ø6	OXYGEN	90° elbow	HI038A

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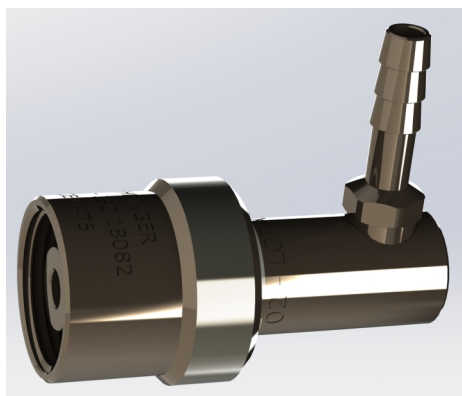
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CONNECTION	GAS	OUTLET	CODE
Hose connector Ø6	AIR 400	90° elbow	HI039A
Hose connector Ø6	NITROUS OXIDE	90° elbow	HI040A
Hose connector Ø8	VAC	90° elbow	HI041A
Hose connector Ø6	AIR 700	90° elbow	HI042A



NIST ISO 18082 probe

The NIST probe complies with UNI EN ISO 18082:2015 standards, can be used to supply the desired medical gas from the clinic-hospital system.

Product codes

GAS	CONNECTION	OUTLET	CODE
AIR 800	Hose connector Ø 6 mm	90°	HI059
OXYGEN	Hose connector Ø 6 mm	90°	HI093
AIR 400	Hose connector Ø 6 mm	90°	HI094
NITROUS OXIDE	Hose connector Ø 6 mm	90°	HI095
VAC	Hose connector Ø 6 mm	90°	HI096
CARBON DIOXIDE	Hose connector Ø 6 mm	90°	HI097
AIR 800	G1/4" F R	In line	HI060
OXYGEN	G1/4" F R	In line	HI080
AIR 400	G1/4" F R	In line	HI081
NITROUS OXIDE	G1/4" F R	In line	HI082
VAC	G1/4" F R	In line	HI083
CARBON DIOXIDE	G1/4" F R	In line	HI084
OXYGEN	Hose connector Ø 6 mm	In line	HI086
AIR 400	Hose connector Ø 6 mm	In line	HI087
AIR 800	Hose connector Ø 6 mm	In line	HI088
NITROUS OXIDE	Hose connector Ø 6 mm	In line	HI089
VAC	Hose connector Ø 8 mm	In line	HI090
CARBON DIOXIDE	Hose connector Ø 6 mm	In line	HI091



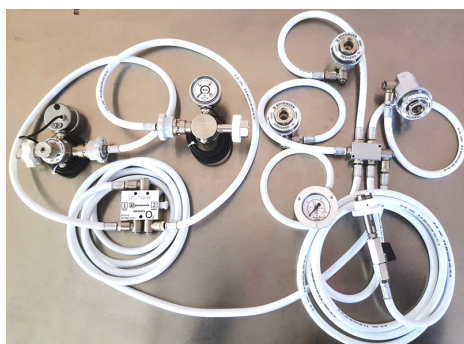
AGSS ISO 9170-2 probe

Anesthetic gas can be administered through the probe.

Product codes

CONNECTION	GAS	TYPE	CODE	CATALOGUE NO.
Hose connector Ø 13	AGSS	1 l	HI018	159659/R
Hose connector Ø 17	AGSS	1 l	HI018A	159659/R
Hose connector Ø 22	AGSS	1 l	HI019	159659/R
G3/8" F R	AGSS	1 l	HI019A	159659/R

- Oxygen system distribution for ambulance



Oxygen supply system for ambulances

Complete system for the distribution of oxygen in rescue vehicles; the system consists of two HF model pressure regulators, a manual exchanger, UNI 9507 terminal units complete with socket and flanged base block for an easy installation on panel, it 'also equipped with a connection to the third source.

Product codes

CODE	Q.TY TERMINAL UNIT	REDUCER CONNECTION TYPE
HKAMB001	2 UNI9507	HOSE-HOLDER
HKAMB002	2 UNI 9507	AFNOR NF S 90-116
HKAMB003	3 UNI 9507	HOSE-OLDER
HKAMB004	3 UNI 9507	AFNOR NF S 90-116

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Ambulance distribution unit

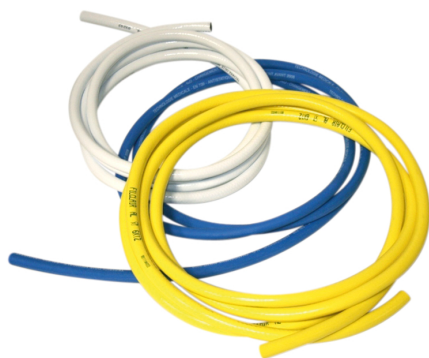


The unit is suitable for installation in emergency vehicles to distribute medical gas; it consists of an anodized aluminum block on which two, three or four AFNOR terminal units are installed for connecting supply points.

Product codes

CODE	NO.OF TERMINAL UNITS	GAS	INLET CONNECTION
HKAMB020	2 AFNOR NF S 90-116	OXYGEN	HOSE CONNECTOR Ø6 mm
HKAMB021	2 AFNOR NF S 90-116	OXYGEN	AFNOR NF S 90-116
HKAMB022	3 AFNOR NF S 90-116	OXYGEN	HOSE CONNECTOR Ø6 mm
HKAMB023	4 AFNOR NF S 90-116	OXYGEN	HOSE CONNECTOR Ø6 mm
HKAMB024	1 AFNOR NF S 90-116	VACUUM	HOSE CONNECTOR Ø6 mm
HKAMB025	2 AFNOR NF S 90-116	VACUUM	HOSE CONNECTOR Ø6 mm
HKAMB026	1 AFNOR NF S 90-116	AIR	HOSE CONNECTOR Ø6 mm

- Flexible connection for low pressure



Medical rubber hose

5-layer medical grade hose, conforming to ISO 5359: the inner layer is made of antistatic PVC, on the outside of this layer there is a PVC layer with a reinforcing polyester layer.

Product codes

GAS	COLORE	INTERNAL Ø	OUTER Ø	CODE
OXYGEN	WHITE	Ø6,3 mm	Ø 12,4 mm	HT001
AIR 400/800	WHITE/BLACK	Ø6,3 mm	Ø 12,4 mm	HT002
NITROGEN OXIDE	BLU	Ø6,3 mm	Ø 12,4 mm	HT004
VAC	YELLOW	Ø6,3 mm	Ø 12,4 mm	HT007
CARBON DIOXIDE	GREY	Ø6,3 mm	Ø 12,4 mm	HT008
VAC	YELLOW	Ø8 mm	Ø 14 mm	HT012

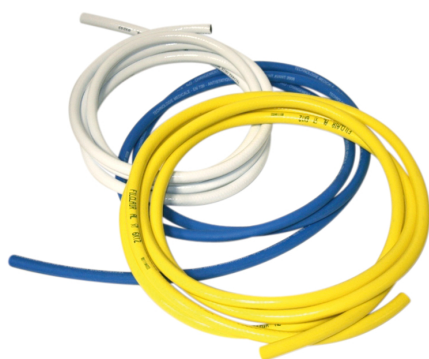
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Low pressure flexible connection

Low pressure flexible connection for medical gases and vacuum, the flexible connection is used to connect medical equipment to the centralized medical gas system; flexible connections consist of EN 5359 standard hose with a probe crimped on each end, or alternatively a probe and a socket, refer to the web site for the product code or contact the Company directly.

- Accessories

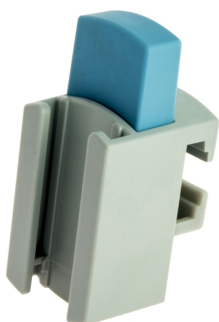


Hose connector for RVB regulator

The hose connector and ring nut kit are used to connect the vacuum regulator directly to a siphon without having to use a collection jar.

Product codes

CODE
H0568A



DIN rail clamp

30 x 10 mm DIN rail clamp, suitable for fixing a vacuum regulator or flowmeter support.

Product codes

CODE	MATERIAL
HS004	ABS, POLYCARBONATE, NYLON



Support for rail clamp and hose connector

Support for flowmeter vacuum regulator, suitable for fixing device to DIN 30 x 10 mm rail using the specific bar clamp.

Product codes

CODE	DESCRIPTION
HK139	Support kit for bar clamp Ø 6 mm
HK139A	Support kit for bar clamp Ø 8 mm