

Pure gas equipment



BEHRINGER

Compressed gas control module

- Semiautomatic HF manifold

Semiautomatic HF manifold



Manifold, suitable for use with pure 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	RANGE PRESSURE GAUGE	CODE
OXYGEN, COMPRESSED AIR, NITROGEN, ARGON, HELIUM, HYDROGEN, METHANE	0-315 bar / 0-16 bar	HQG001
ACETYLENE	0-40 bar / 0-2,5 bar	HQG001A
OXYGEN, COMPRESSED AIR, NITROGEN, ARGON, HELIUM, METHANE	0-315 bar / 0-16 bar contact type	HQG001B
PROPANE	0-16 bar / 0-2,5 bar	HQG001P

- HF manifold



HF Single manifold

Manifold for use of pure gases, consisting of a dual HF-type pressure gauge made of chemically nickel-plated CW614N brass, one high pressure shut-off valve and a bleed valve.

Product codes

GAS	PRESSURE GAUGE RANGE	CODE
OXYGEN, COMPRESSED AIR, NITROGEN, ARGON, HELIUM, HYDROGEN, METHANE	0-315 bar / 0-16 bar	HQG002
ACETYLENE	0-40 bar / 0-2.5 bar	HQG002A
OXYGEN, COMPRESSED AIR, NITROGEN, ARGON, HELIUM, METHANE	0-315 bar / 0-16 bar, contact type	HQG002B
PROPANE	0-16 bar / 0-2.5 bar	HQG002P

- Manifold



Manifold extension

The manifold extension is suitable to increase the number of cylinders present in the manifold up to a maximum of five per side.

Product codes

GAS	CODE	EXTENSION SIDE	WIDTH	HEIGHT	DEPTH	WEIGHT
OXYGEN, COMPRESSED AIR, NITROUS OXIDE, CARBON DIOXIDE, NITROGEN, ARGON, HELIUM, PROPANE, METHANE, ACETYLENE	HQG004DX	Right side	220 mm	190 mm	110 mm	1,0 kg
OXYGEN, COMPRESSED AIR, NITROUS OXIDE, CARBON DIOXIDE, NITROGEN, ARGON, HELIUM, PROPANE, METHANE, ACETYLENE	HQG004SX	Left side	220 mm	190 mm	110 mm	1,0 kg

- Flexible connection



Flex stainless steel

Flexible High Pressure connection consisting of a parallel spiral metal hose made of AISI 316 stainless steel with a double AISI 304 stainless steel reinforcement braid and an anti-kink cable, used to connect tanks to manifolds.

Product codes

GAS	CONNECTION	CODE
OXYGEN, CARBON DIOXIDE, HELIUM, ARGON	G1/4" F R - G3/4" 'A' DIN with anti-kink cable	HSG001D
OXYGEN	G1/4" F R - SI22,91x1,814 'B' F with anti-kink cable	HSG001F
OXYGEN, AIR	G1/4" F R - G5/8" 'B' DIN with anti-kink cable	HSG002D
AIR	G1/4" F R - SI30x1,75 'A' F with anti-kink cable	HSG002F
OXYGEN, AIR, ARGON, HELIUM, NITROGEN	G1/4" F R - G5/8" 'B' BS with anti-kink cable	HSG002UK
NITROUS OXIDE	G1/4" F R - SI26x1,5 'B' F with anti-kink cable	HSG003F
NITROUS OXIDE	G1/4" F R - W11/16"x1/20" 'A' BS with anti-kink cable	HSG003UK
CARBON DIOXIDE	G1/4" F R - W0,860"x1/14" 'A' BS with anti-kink cable	HSG004UK
NITROGEN, HELIUM, ARGON	G1/4" F R - W24,32x1/14" 'B' DIN with anti-kink cable	HSG005D
OXYGEN, CARBON DIOXIDE, NITROGEN, AIR, NITROGEN OXIDE, HELIUM, ARGON	G1/4" F R - W21,80x1/14" 'A' DIN with anti-kink cable	HSG006D

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Product codes

GAS	CONNECTION	CODE
CARBON DIOXIDE, ARGON, HELIUM, NITROGEN	G1/4" F R - SI21,7x1,814 'A' F with anti-kink cable	HSG006F
HYDROGEN, METHANE, PROPANE	G1/4" F R - W21,80x1/14 LH 'A' DIN with anti-kink cable	HSG008D
HYDROGEN, METHANE, PROPANE, ACETYLENE	G1/4" F R - G5/8" LH 'B' F with anti-kink cable	HSG008F
HYDROGEN, METHANE, PROPANE, ACETYLENE	G1/4" F R - G5/8" LH 'B' BS with anti-kink cable	HSG008UK
ACETYLENE	G1/4" F R - G3/8" LH 'A' DIN with anti-kink cable	HSG010D
ACETYLENE	G1/4" F R - SI22,91x1,814 LH 'B' F with anti-kink cable	HSG010F

- Cylinder rack



Cylinder rack

The cylinder rack is used to wall mount one or more 40/50 l compressed gas cylinders.

Product codes

N. FOLD	CODE
1	HS026A
2	HS026
3	HS027

- Accessories



Contact type pressure gauge

Electric contact type pressure gauge, 2.

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Product codes

TRESHOLD	CONNECTION	RANGE	CODE
15 bar	G1/4" M R - LM	0-315 bar	HM092

Workstations

- With regulator



Workstation with pressure regulator

Workstation designed to connect a user to a pure gas distribution network, used to reduce pressure on the line.

Product codes

PRESSURE GAUGE RANGE	Q max.	P ₁ max.	P ₂ max.	CODE
0-1,6 bar	4 Nm ³ /h	30 bar	1,2 bar	HPP002CV
0-6 bar	12 Nm ³ /h	30 bar	5 bar	HPP003CV
0-16 bar	18 Nm ³ /h	30 bar	12 bar	HPP004CV

- Without regulator



Bench-mount workstation

Workstation designed to connect a user to a pure gas distribution network, used to distribute gas on lab benches.

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Product codes

GAS	CODE
CARBON DIOXIDE, ARGON, COMPRESSED AIR, NITROGEN, HELIUM, OXYGEN, NITROUS OXIDE	HPP015B
ACETYLENE, METHANE, PROPANE	HPP015G
AMMONIA	HPP015N
HYDROGEN	HPP015R



Wall-mount pure gas take-off workstation

Wall mounting take-off workstation, suitable for connection of a user to a pure gas distribution system used in a laboratory.

Product codes

GAS	CODE
CARBON DIOXIDE, ARGON, COMPRESSED AIR, NITROGEN, HELIUM, OXYGEN, NITROUS OXIDE	HPP017B
ACETYLENE, METHANE, PROPANE	HPP017G
AMMONIA	HPP017N
HYDROGEN	HPP017R

- Workstation regulators



HF pressure regulator

Pressure regulator, suitable for pure gases, equipped with a pressure gauge to show the low pressure, used at work stations to reduce pressure.

Product codes

Q max.	P ₁ max.	P ₂ max.	CODE
4 Nm ³ /h	30 bar	1,2 bar	HRG20
12 Nm ³ /h	30 bar	5 bar	HRG21
18 Nm ³ /h	30 bar	12 bar	HRG22

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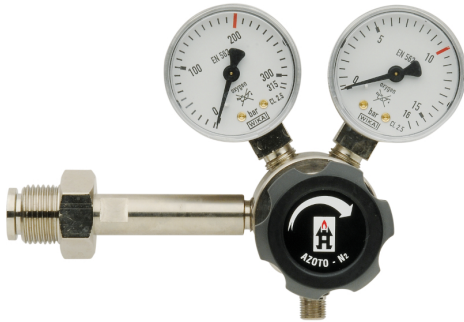
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Cylinder pressure regulators

- HF/86



HF/86 cylinder pressure regulator

Pressure regulator for cylinders, suitable for pure 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 of the equipment.

Product codes

GAS	INLET CONNECTION	CODE
OXYGEN, CARBON DIOXIDE, HELIUM, ARGON	G3/4" 'A' DIN	HRG01D
OXYGEN	SI21,91x1,814 'A' F	HRG01F
OXYGEN, NITROGEN, AIR, HELIUM, ARGON	G5/8" 'B' UK	HRG01UK
NITROGEN, HELIUM, ARGON	W24,32x1/14" 'A' DIN	HRG02D
NITROGEN, HELIUM, ARGON	SI21,7x1,814 'A' F	HRG02F
AIR	G5/8" 'B' DIN	HRG03D
AIR	SI30x1,75 'A' F	HRG03F
NITROUS OXIDE	SI26x1,5 'B' F	HRG04F
NITROUS OXIDE	W11/16"x1/20" UK	HRG04UK
CARBON DIOXIDE, NITROGEN, AIR, NITROUS OXIDE, HELIUM, ARGON	W21,80x1/14" 'A' DIN	HRG05D
HYDROGEN, METHANE	W21,80x1/14" LH 'A' DIN	HRG07D
HYDROGEN, METHANE	SI 21,7x1,8/14" LH 'A' F	HRG07F
HYDROGEN, METHANE	G5/8" LH 'B' UK	HRG07UK
ACETYLENE	M22x2 'C' DIN	HRG08D
ACETYLENE	Bracket Ø15,3xØ7,5	HRG08D2
CARBON DIOXIDE	0,860"x14 TPI 'A'	HRG09UK
ACETYLENE	G3/8" LH 'B' UK	HRG12D
ACETYLENE	W21,91x1,814 'B' DIN	HRG12F
ACETYLENE	G5/8" LH 'B' UK	HRG12UK
PROPANE	W21,80x1/14" LH 'A' DIN	HRG13D
PROPANE	G5/8" LH 'B' F	HRG13F
PROPANE	SI21,7x1,814 LH 'A' UK	HRG13UK

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- HF/200



HF/200 cylinder pressure regulator

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

Product codes

GAS	INLET CONNECTION	CODE
OXYGEN, HELIUM, ARGON	G3/4" 'A' DIN	HRG30D
OXYGEN	SI22,91x1,814 'A' F	HRG30F
OXYGEN	G5/8" 'B' UK	HRG30UK
HELIUM, ARGON	W24,32x1/14" 'A' DIN	HRG31D
CARBON DIOXIDE, ARGON, HELIUM, NITROGEN	SI21,7x1,814 'A' F	HRG31F
AIR	G5/8" 'B' DIN	HRG32D
AIR	SI30x1,75 'A' F	HRG32F
NITROUS OXIDE	SI26x1,5 'B' F	HRG33F
NITROUS OXIDE	W11/16"x1/20" UK	HRG33UK
OXIGEN, ARGON, HELIUM	W21,80x1/14" 'A' DIN	HRG34D
HYDROGEN, METHANE	W21,80x1/14" LH 'A' DIN	HRG36D
METHANE	SI 21,7x1,8/14" LH 'A' F	HRG36F
METHANE	G5/8" LH 'B' UK	HRG36UK
CARBON DIOXIDE	0,860"x14 TPI 'A'	HRG38UK

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