

Quality Priority

Manufactured & Distributed by



BSI CO., LTD.

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bsiMED

Professional Suction,
Oxygen Therapy &
Gas Therapy System



CATALOGUE



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2022



Reliable, Precision, High Quality.

Certified Quality, Safety First.



bsi Value

- W**in-win
- I**nnovation
- S**atisfaction
- E**xcellence

BSI CO., LTD.

is not only a supplier but also an excellent designer team. Win-win policy, Innovation, Satisfaction and Excellence are values that we did believe to have. It stimulated the growth of BSI CO., LTD. since 2011.

The strong team of engineers and technicians supported by a well-trained and responsive team of sales representatives, dedicating to provide an enviable and worldwide reputation as a medical professional. The products are CE marked and individually numbered for perfect traceability.

Based on our rich experience and expertise in this field, we are sure our outstanding design and competitive price will help you winning your marketing share. Moreover, we are committed to innovation that helps you stay one step ahead.

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SR

Vacuum Regulators

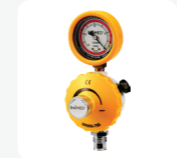


SR Vacuum Regulators



SR60 Series

03



SR888 Series

05

SR60 Series

Vacuum Regulators



SR603C 760A F2 XX



SR603C 300A F2 XX



SR602C 160A F2 XX

FEATURES.

- Accurate suction control within range
- 2-1/2" diameter Capsule gauge (diaphragm type). Anti-clockwise and clockwise are available.
- Super-LumiNova plate design better brightness in the dark
- Easy to use control knob
- Durable plastic case.
- Removable back plate and gasket for cleaning easier.
- Quick switch for REG/OFF/FULL VACUUM
- Available Polycarbonate safety Jar/Trap.

SPECIFICATIONS.

Model No.	Mode	Operating Ranges	Max. Flow Rate (LPM)	Wall Connection	Patient Connection
SR603C 760(A) F2 00	Continuous 3 Mode (REG/OFF/FULL)	0 ~ -760 mmHg (Anti-)clockwise	0~80	1/8" FNPT	None
SR603C 760(A) XX XX	Continuous 3 Mode (REG/OFF/FULL)	0 ~ -760 mmHg (Anti-)clockwise	0~80	Option	Option
SR603C 300(A) XX XX	Continuous 3 Mode (REG/OFF/FULL)	0 ~ -300 mmHg (Anti-)clockwise	0~40	Option	Option
SR602C 300(A) XX XX	Continuous 2 Mode (REG/OFF)	0 ~ -300 mmHg (Anti-)clockwise	0~40	Option	Option
SR602C 160(A) XX XX	Continuous 2 Mode (REG/OFF)	0 ~ -160 mmHg (Anti-)clockwise	Option	Option	Option
SR603C 300(A) OM VT9003D	Continuous 3 Mode (REG/OFF/FULL)	0 ~ -300 mmHg (Anti-)clockwise	0-40	Ohmeda Male	VT9003D
SR603C 1000(A) FM VT9003D	Continuous 3 Mode (REG/OFF/FULL)	0 ~ -300 mmHg (Anti-)clockwise	0-80	French Male	VT9003

HOW TO ORDER.

SR60 A B C D +

Please Follow the Instruction Below to Type Designation System for Vacuum Regulators.

(A) Outlook Identification

- 3C Continuous 3 Mode (REG/OFF/FULL)
- 2C Continuous 2 Mode (REG/OFF)
- 3I Intermittent 3 Mode (REG/OFF/FULL)
- 2I Intermittent 2 Mode (REG/OFF)

(B) Vacuum Specification: Pressure level & Gauge revolution

mmHg	760(A) / 300(A) / 160(A)
kPa	100(A) / 40(A) / 20(A)
mbar	1000(A) / 600(A) / 250(A)

(A) Anti-clockwise

(C) Wall Connection

AH Australian Handtight	EB Elbow with Barb	MM Medstar Male
AM AGA Male	F2 1/8" FNPT	NF NIST Female
BB Bubble Barb	F4 1/4" FNPT	OM Ohmeda Male
BP British Probe	FM French Male	PM Puritan Bennett Male
CM Chemetron Male	GM German Male	SM Shrader Male
DH DISS Handtight	JM Japanese Male	XM Oxequip Male
DM DISS Male	M2 1/8" MNPT	
DN DISS Nut & Nipple	M4 1/4" MNPT	

(D) Patient Connection

- DM DISS Male
- TN Tubing Nipple

(+) Available Polycarbonate: Safety Jar/ Trap (PAGE 57)

- VT9003 DISS Handtight (Chromed Brass)
- VT9002 DISS HEX (Chromed Brass)
- VT9003D DISS Handtight (Aluminium)

SR888 Series

Vacuum Regulators

WHY THIS?

The purpose of SR888 Medical vacuum regulator is to measure and adjust the vacuum level, within the context of medical suction. It is used to remove substances from the patient's body during surgical and other procedures. The vacuum regulator should be connected to a wall source of vacuum, using direct probe or through a rail mounting system.



SR888 760A FM DM

SR888 760A FM VT9003D

FEATURES.

- Available for several vacuum levels
- Vacuum Gauge fitted with a protective bumper device
- On/off knob allowing for the quick restoration of pre-adjusted vacuum level
- Wide membrane continuous suction controller guaranteeing reliability and fine adjustment
- Plastic body and cover preventing from risk of corrosion
- Available polycarbonate safety Jar/Trap

SPECIFICATIONS.

Model No.	Mode	Operating Ranges	Max. Flow Rate (LPM)	Wall Connection	Patient Connection
SR888 760(A) F2 DM	Continuous 2 Mode (REG/OFF)	0 ~ -760 mmHg (Anti-)clockwise	0~40	1/8" FNPT	DISS Male
SR888 760(A) OM DM	Continuous 2 Mode (REG/OFF)	0 ~ -760 mmHg (Anti-)clockwise	0~40	Ohmeda Male	DISS Male
SR888 760(A) FM VT9003	Continuous 2 Mode (REG/OFF)	0 ~ -760 mmHg (Anti-)clockwise	0~40	French Male	VT9003
SR888 400(A) JM VT9003D	Continuous 2 Mode (REG/OFF)	0 ~ -400 mmHg (Anti-)clockwise	0~40	Japanese Male	VT9003D
SR888 760(A) XX XX	Continuous 2 Mode (REG/OFF)	0 ~ -760 mmHg (Anti-)clockwise	0~40	Option	Option

HOW TO ORDER.

SR888

Please Follow the Instruction Below to Type Designation System for Vacuum Regulators.

(A) Vacuum Specification: Pressure level & Gauge revolution

mmHg 760(A) / 300(A) / 160(A)
mbar 1000(A) / 600(A) / 250(A)

(A) Anti-clockwise

(C) Wall Connection

AH Australian Handtight	EB Elbow with Barb	MM Medstar Male
AM AGA Male	F2 1/8" FNPT	NF NIST Female
BB Bubble Barb	F4 1/4" FNPT	OM Ohmeda Male
BP British Probe	FM French Male	PM Puritan Bennett Male
CM Chemetron Male	GM German Male	SM Shrader Male
DH DISS Handtight	JM Japanese Male	XM Oxequip Male
DM DISS Male	M2 1/8" MNPT	
DN DISS Nut & Nipple	M4 1/4" MNPT	

(D) Patient Connection

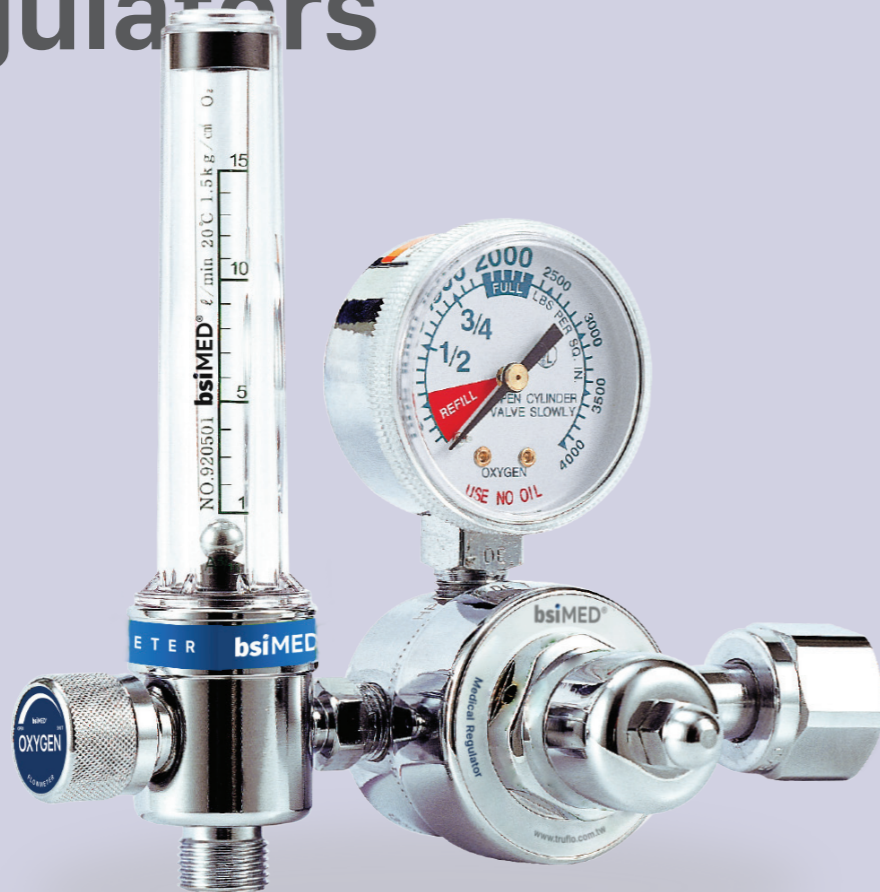
DM DISS Male
TN Tubing Nipple

(+) Available Polycarbonate: Safety Jar/ Trap (PAGE 57)

VT9003 DISS Handtight (Chromed Brass)
VT9002 DISS HEX (Chromed Brass)
VT9003D DISS Handtight (Aluminium)

FL

Flowmeter Regulators



FL Vacuum Regulators



106RM FL Series

Single Stage / Diaphragm Type

09



101RM FL Series

Single Stage / Diaphragm Type

11



FR120 FL Series

Single Stage / Diaphragm Type

13



FR130 FL Series

Two Stage / Diaphragm Type

15



YR88 FL Series

Single Stage / Piston Type

17



YR90 FL Series

Single Stage / Piston Type

19

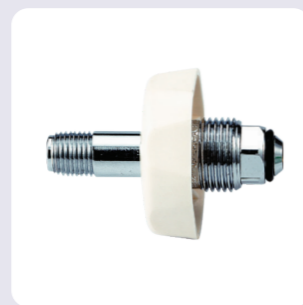
106RM FL Series

Single Stage/ Diaphragm Type/
Flowmeter Regulators

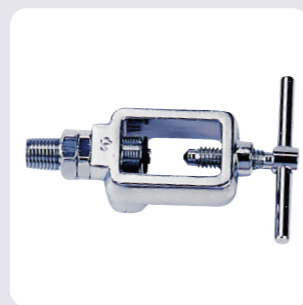


106RM 15FL 540

INLET CONNECTION



CGA 992HT



CGA 870

FEATURES.

- Maximum inlet pressure 3000psi (ANSI)/ 210bar (CE)
- Chromed plated brass body with all brass high pressure chamber for durability & safety
- Neoprene diaphragm with internal safety valve protects against over- pressurization
- Sintered filter inlet for additional safety and longer life
- The standard 2" diameter Inlet pressure gauges 0~4000psi UL approved
- Polycarbonate inner and outer tubes provide greater accuracy, durability & safety
- Outlet flow control valve 90° or 180° are available
- The standard preset outlet pressure is 50psi (ANSI), 4bar (CE) for stabilizing and accuracy flowing
- USA and international standard Inlet and outlet thread sizes are available

HOW TO ORDER.

106RM ^(A) FL ^(B) ^(SET)

Outlook Identification

106RM	108MF
101RM	206RM
FR120	
FR130	
YR88	
YR90	

(A) Flow Rate Specification in "liter/minute"

(B) Inlet Connection	CGA 540	CGA 346
	CGA 540HT	CGA 950
	CGA 870	CGA 320
	CGA 992	CGA 320HT
	CGA 992HT	DIN 477-1

(SET) Set Identification

"SET" means the whole set including the combination of accessories.

SPECIFICATIONS.

Model No.	Gas	Flow Ranges (LPM)	Inlet Connection
106RM 5FL 540	OXYGEN	1/2~5	CGA-540 Nut and Nipple
106RM 5FL 540HT	OXYGEN	1/2~5	CGA-540 Hand tight Nut and Nipple
106RM 5FL 870	OXYGEN	1/2~5	CGA-870 Yoke
106RM 8FL 540	OXYGEN	1/2~8	CGA-540 Nut and Nipple
106RM 8FL 540HT	OXYGEN	1/2~8	CGA-540 Hand tight Nut and Nipple
106RM 8FL 870	OXYGEN	1/2~8	CGA-870 Yoke
106RM 15FL 992	OXYGEN	1~15	CGA-992 Nut and Nipple
106RM 15FL 992HT	OXYGEN	1~15	CGA-992 Bull Nose and Hand tight
106RM 15FL 540	OXYGEN	1~15	CGA-540 Nut and Nipple
106RM 15FL 870	OXYGEN	1~15	CGA-870 Yoke
106RM 15FL 346	MEDICAL AIR	1~15	CGA-540 Nut and Nipple
106RM 15FL 346HT	MEDICAL AIR	1~15	CGA-540 Hand tight Nut and Nipple
106RM 15FL 950	MEDICAL AIR	1~15	CGA-950 Yoke
106RM 12FL 320	CO2	1/2~12	CGA-320 Nut and Nipple
106RM 12FL 320HT	CO2	1/2~12	CGA-320 Hand tight Nut and Nipple
106RM 12FL 940	CO2	1/2~12	CGA-940 Yoke

101RM FL Series

Single Stage/ Diaphragm Type/
Flowmeter Regulators



101RM 15FL 540

INLET CONNECTION



CGA 992HT



CGA 870

FEATURES.

- Maximum inlet pressure 3000psi (ANSI)/ 210bar (CE)
- Chromed plated brass body with all brass high pressure chamber for durability & safety
- Chromed Forged brass flow meter body for durability is also available
- Neoprene diaphragm type
- Reliable external safety relief valve
- Sintered filter inlet for additional safety and longer life
- Various gauge plate design: 2" diameter Inlet pressure gauges 0~4000psi UL approved
- Polycarbonate inner and outer tubes provide greater accuracy, durability & safety
- Outlet flow control valve 90° or 180° are available
- The standard preset outlet pressure is 50psi (ANSI) or 4 bar (CE) for stabilizing and accuracy flowing
- USA and international standard Inlet and outlet thread sizes are available.

HOW TO ORDER.

101RM ^(A) FL ^(B) SET

Outlook Identification

106RM 108MF
101RM 206RM
FR120
FR130
YR88
YR90

(A) Flow Rate Specification in "liter/minute"

(B) Inlet Connection

CGA 540 CGA 346
CGA 540HT CGA 950
CGA 870 CGA 320
CGA 992 CGA 320HT
CGA 992HT DIN 477-1

SET Set Identification

"SET" means the whole set including the combination of accessories.

SPECIFICATIONS.

Model No.	Gas	Flow Ranges (LPM)	Inlet Connection
101RM 5FL 540	OXYGEN	1/2~5	CGA-540 Nut and Nipple
101RM 5FL 540HT	OXYGEN	1/2~5	CGA-540 Hand tight Nut and Nipple
101RM 5FL 870	OXYGEN	1/2~5	CGA-870 Yoke
101RM 8FL 540	OXYGEN	1/2~8	CGA-540 Nut and Nipple
101RM 8FL 540HT	OXYGEN	1/2~8	CGA-540 Hand tight Nut and Nipple
101RM 8FL 870	OXYGEN	1/2~8	CGA-870 Yoke
101RM 15FL 992	OXYGEN	1~15	CGA-992 Nut and Nipple
101RM 15FL 992HT	OXYGEN	1~15	CGA-992 Bull Nose and Hand tight
101RM 15FL 540	OXYGEN	1~15	CGA-540 Nut and Nipple
101RM 15FL 540HT	OXYGEN	1~15	CGA-540 Hand tight Nut and Nipple
101RM 15FL 870	OXYGEN	1~15	CGA-870 Yoke
101RM 15FL 346	MEDICAL AIR	1~15	CGA-346 Nut and Nipple
101RM 15FL 346HT	MEDICAL AIR	1~15	CGA-346 Hand tight Nut and Nipple
101RM 15FL 950	MEDICAL AIR	1~15	CGA-950 Yoke
101RM 12FL 320	CO2	1/2~12	CGA-320 Nut and Nipple
101RM 12FL 320HT	CO2	1/2~12	CGA-320 Hand tight Nut and Nipple
101RM 12FL 940	CO2	1/2~12	CGA-940 Yoke

FR130 FL Series

Two Stages / Diaphragm Type/
Flowmeter Regulators

HOW TO ORDER.

FR130 A FL B SET

Outlook Identification

106RM 108MF
101RM 206RM
FR120
FR130
YR88
YR90

(A) Flow Rate Specification in "liter/minute"

(B) Inlet Connection

CGA 540 CGA 346
CGA 540HT CGA 950
CGA 870 CGA 320
CGA 992 CGA 320HT
CGA 992HT DIN 477-1

(SET) Set Identification

"SET" means the whole set including the combination of accessories.

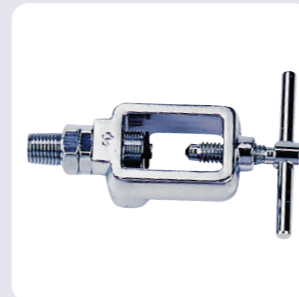
SPECIFICATIONS.

Model No.	Gas	Flow Ranges (LPM)	Inlet Connection
FR130 5FL 540	OXYGEN	1/2~5	CGA-540 Nut and Nipple
FR130 5FL 540HT	OXYGEN	1/2~5	CGA-540 Hand tight Nut and Nipple
FR130 5FL 870	OXYGEN	1/2~5	CGA-870 Yoke
FR130 8FL 540	OXYGEN	1/2~8	CGA-540 Nut and Nipple
FR130 8FL 540HT	OXYGEN	1/2~8	CGA-540 Hand tight Nut and Nipple
FR130 8FL 870	OXYGEN	1/2~8	CGA-870 Yoke
FR130 15FL 992	OXYGEN	1~15	CGA-992 Nut and Nipple
FR130 15FL 992HT	OXYGEN	1~15	CGA-992 Bull Nose and Hand tight
FR130 15FL 540	OXYGEN	1~15	CGA-540 Nut and Nipple
FR130 15FL 540HT	OXYGEN	1~15	CGA-540 Hand tight Nut and Nipple
FR130 15FL 870	OXYGEN	1~15	CGA-870 Yoke
FR130 15FL 346	MEDICAL AIR	1~15	CGA-346 Nut and Nipple
FR130 15FL 346HT	MEDICAL AIR	1~15	CGA-346 Hand tight Nut and Nipple
FR130 15FL 950	MEDICAL AIR	1~15	CGA-950 Yoke
FR130 12FL 320	CO2	1/2~12	CGA-320 Nut and Nipple
FR130 12FL 320HT	CO2	1/2~12	CGA-320 Hand tight Nut and Nipple
FR130 12FL 940	CO2	1/2~12	CGA-940 Yoke

INLET CONNECTION



CGA 540



CGA 870



FR130 15FL 992HT

FEATURES.

- Maximum inlet pressure 3000psi (ANSI)/ 210bar (CE)
- Chromed plated brass body with all brass high pressure chamber for durability & safety
- Neoprene diaphragm type
- Reliable external safety relief valve
- Sintered filter inlet for additional safety and longer life
- Various gauge plate design: 2" diameter Inlet pressure gauges 0~4000psi UL approved
- Polycarbonate inner and outer tubes provide greater accuracy, durability & safety
- Outlet flow control valve 90° or 180° are available
- The standard preset outlet pressure is 50psi (ANSI) or 4 bar (CE) for stabilizing and accuracy flowing
- USA and international standard Inlet and outlet thread sizes are available

YR88 FL Series

Single Stage/ Piston Type/
Flowmeter Regulators



HOW TO ORDER.

YR88 A FL B SET

Outlook Identification

106RM 108MF
101RM 206RM
FR120
FR130
YR88
YR90

A Flow Rate Specification in "liter/minute"

B Inlet Connection

CGA 540 CGA 346
CGA 540HT CGA 950
CGA 870 CGA 320
CGA 992 CGA 320HT
CGA 992HT DIN 477-1

SET Set Identification

"SET" means the whole set including the combination of accessories.

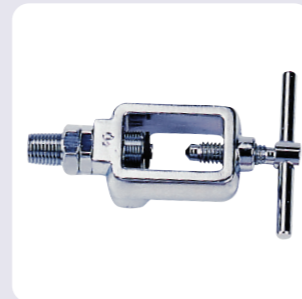


YR88 15FL 992HT

INLET CONNECTION



CGA 540



CGA 870

FEATURES.

- Maximum inlet pressure 3000psi (ANSI)/ 210bar (CE)
- Chromed plated brass body with all brass high pressure chamber for durability & safety
- Piston type
- Reliable external safety relief valve
- Sintered filter inlet for additional safety and longer life
- Various gauge plate design: 2" diameter Inlet pressure gauges 0~4000psi UL approved
- Polycarbonate inner and outer tubes provide greater accuracy, durability & safety
- Outlet flow control valve 90° or 180° are available
- The standard preset outlet pressure is 50psi (ANSI) or 4 bar (CE) for stabilizing and accuracy flowing
- USA and international standard Inlet and outlet thread sizes are available

SPECIFICATIONS.

Model No.	Gas	Flow Ranges (LPM)	Inlet Connection
YR88 5FL 540	OXYGEN	1/2~5	CGA-540 Nut and Nipple
YR88 5FL 540HT	OXYGEN	1/2~5	CGA-540 Hand tight Nut and Nipple
YR88 5FL 870	OXYGEN	1/2~5	CGA-870 Yoke
YR88 8FL 540	OXYGEN	1/2~8	CGA-540 Nut and Nipple
YR88 8FL 540HT	OXYGEN	1/2~8	CGA-540 Hand tight Nut and Nipple
YR88 8FL 870	OXYGEN	1/2~8	CGA-870 Yoke
YR88 15FL 992	OXYGEN	1~15	CGA-992 Nut and Nipple
YR88 15FL 992HT	OXYGEN	1~15	CGA-992 Bull Nose and Hand tight
YR88 15FL 540	OXYGEN	1~15	CGA-540 Nut and Nipple
YR88 15FL 540HT	OXYGEN	1~15	CGA-540 Hand tight Nut and Nipple
YR88 15FL 870	OXYGEN	1~15	CGA-870 Yoke
YR88 15FL 346	MEDICAL AIR	1~15	CGA-346 Nut and Nipple
YR88 15FL 346HT	MEDICAL AIR	1~15	CGA-346 Hand tight Nut and Nipple
YR88 15FL 950	MEDICAL AIR	1~15	CGA-950 Yoke
YR88 12FL 320	CO2	1/2~12	CGA-320 Nut and Nipple
YR88 12FL 320HT	CO2	1/2~12	CGA-320 Hand tight Nut and Nipple
YR88 12FL 940	CO2	1/2~12	CGA-940 Yoke



YR90 FL Series

Single Stage/ Piston Type/
Flowmeter Regulators

HOW TO ORDER.

YR90 A FL B SET

Outlook Identification

106RM 108MF
101RM 206RM
FR120
FR130
YR88
YR90

(A) Flow Rate Specification in "liter/minute"

(B) Inlet Connection

CGA 540 CGA 346
CGA 540HT CGA 950
CGA 870 CGA 320
CGA 992 CGA 320HT
CGA 992HT DIN 477-1

(SET) Set Identification

"SET" means the whole set including the combination of accessories.

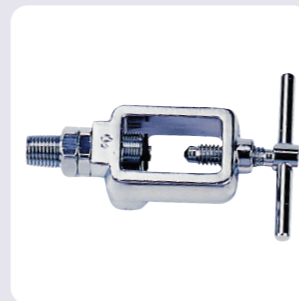


YR90 15FL 992HT

INLET CONNECTION



CGA 540



CGA 870

FEATURES.

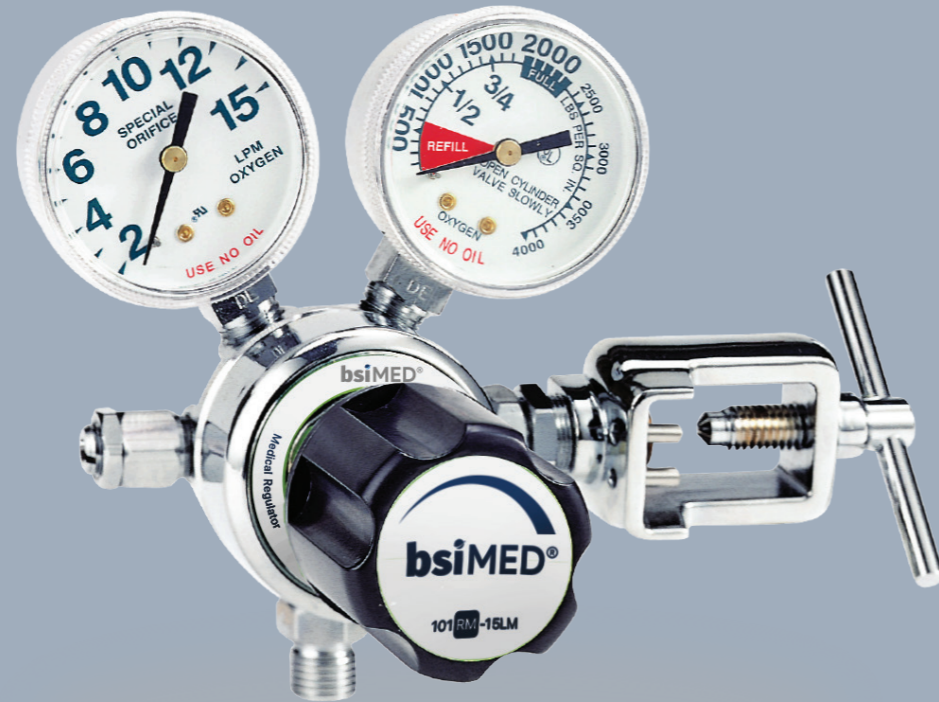
- Maximum inlet pressure 3000psi (ANSI)/ 210bar (CE)
- Chromed plated brass body with all brass high pressure chamber for durability & safety
- Piston type
- Reliable external safety relief valve
- Sintered filter inlet for additional safety and longer life
- Various gauge plate design: 2" diameter Inlet pressure gauges 0~4000psi UL approved
- Polycarbonate inner and outer tubes provide greater accuracy, durability & safety
- Outlet flow control valve 90° or 180° are available
- The standard preset outlet pressure is 50psi (ANSI) or 4 bar (CE) for stabilizing and accuracy flowing
- USA and international standard Inlet and outlet thread sizes are available

SPECIFICATIONS.

Model No.	Gas	Flow Ranges (LPM)	Inlet Connection
YR90 5FL 540	OXYGEN	1/2~5	CGA-540 Nut and Nipple
YR90 5FL 540HT	OXYGEN	1/2~5	CGA-540 Hand tight Nut and Nipple
YR90 5FL 870	OXYGEN	1/2~5	CGA-870 Yoke
YR90 8FL 540	OXYGEN	1/2~8	CGA-540 Nut and Nipple
YR90 8FL 540HT	OXYGEN	1/2~8	CGA-540 Hand tight Nut and Nipple
YR90 8FL 870	OXYGEN	1/2~8	CGA-870 Yoke
YR90 15FL 992	OXYGEN	1~15	CGA-992 Nut and Nipple
YR90 15FL 992HT	OXYGEN	1~15	CGA-992 Bull Nose and Hand tight
YR90 15FL 540	OXYGEN	1~15	CGA-540 Nut and Nipple
YR90 15FL 540HT	OXYGEN	1~15	CGA-540 Hand tight Nut and Nipple
YR90 15FL 870	OXYGEN	1~15	CGA-870 Yoke
YR90 15FL 346	MEDICAL AIR	1~15	CGA-346 Nut and Nipple
YR90 15FL 346HT	MEDICAL AIR	1~15	CGA-346 Hand tight Nut and Nipple
YR90 15FL 950	MEDICAL AIR	1~15	CGA-950 Yoke
YR90 12FL 320	CO2	1/2~12	CGA-320 Nut and Nipple
YR90 12FL 320HT	CO2	1/2~12	CGA-320 Hand tight Nut and Nipple
YR90 12FL 940	CO2	1/2~12	CGA-940 Yoke

LM

Flowgauge Regulators



LM Flowgauge Regulators



106RM LM Series Single Stage

23



101RM LM Series Single Stage

25



206RM LM Series Two Stages

27

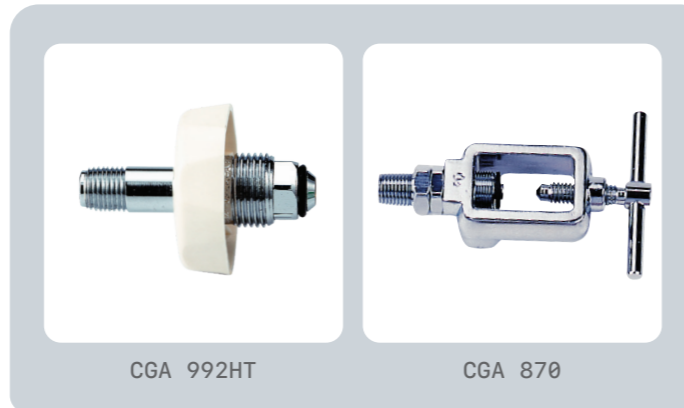
106RM LM Series

Single Stage/
Flowgauge Regulators



106RM 15LM 540

INLET CONNECTION



CGA 992HT

CGA 870

FEATURES.

- Maximum inlet pressure 3000psi (ANSI)/ 210bar (CE)
- Chromed plated brass body with all brass high pressure chamber for durability & safety
- Neoprene diaphragm with internal safety valve protects against over-pressurization
- Sintered filter inlet for additional safety and longer life
- 2" diameter Inlet pressure gauges 0~4000psi UL approved and outlet pressure gauges marked UR
- The standard preset outlet pressure is 50psi (ANSI), 4bar (CE) for stabilizing and accuracy flowing
- USA and international standard Inlet and outlet thread sizes are available

HOW TO ORDER.

106RM ^A LM ^B SET

Outlook Identification

106RM	108MF
101RM	206RM
FR120	
FR130	
YR88	
YR90	

^A Flow Rate Specification in "liter/minute"

^B Inlet Connection	CGA 540	CGA 346
	CGA 540HT	CGA 950
	CGA 870	CGA 320
	CGA 992	CGA 320HT
	CGA 992HT	DIN 477-1

SET Set Identification

"SET" means the whole set including the combination of accessories.

SPECIFICATIONS.

Model No.	Gas	Flow Ranges (LPM)	Inlet Connection
106RM 5LM 540	OXYGEN	1/2~5	CGA-540 Nut and Nipple
106RM 5LM 540HT	OXYGEN	1/2~5	CGA-540 Hand tight Nut and Nipple
106RM 5LM 870	OXYGEN	1/2~5	CGA-870 Yoke
106RM 8LM 540	OXYGEN	1~8	CGA-540 Nut and Nipple
106RM 8LM 540HT	OXYGEN	1~8	CGA-540 Hand tight Nut and Nipple
106RM 8LM 870	OXYGEN	1~8	CGA-870 Yoke
106RM 15LM 992	OXYGEN	1~15	CGA-992 Nut and Nipple
106RM 15LM 992HT	OXYGEN	1~15	CGA-992 Bull Nose and Hand tight
106RM 15LM 540	OXYGEN	1~15	CGA-540 Nut and Nipple
106RM 15LM 540HT	OXYGEN	1~15	CGA-540 Hand tight Nut and Nipple
106RM 15LM 870	OXYGEN	1~15	CGA-870 Yoke

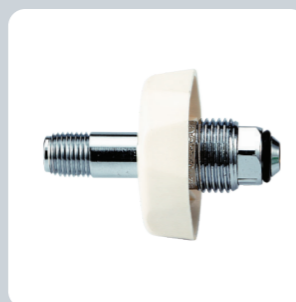
101RM LM Series

Single Stage/
Flowgauge Regulators



101RM 15LM 870

INLET CONNECTION



CGA 992HT



CGA 540

HOW TO ORDER.

101RM ^(A) LM ^(B) SET

Outlook Identification

106RM	108MF
101RM	206RM
FR120	
FR130	
YR88	
YR90	

(A) Flow Rate Specification in "liter/minute"

(B) Inlet Connection

CGA 540	CGA 346
CGA 540HT	CGA 950
CGA 870	CGA 320
CGA 992	CGA 320HT
CGA 992HT	DIN 477-1

SET Set Identification

"SET" means the whole set including the combination of accessories.

FEATURES.

- Maximum inlet pressure 3000psi (ANSI)/ 210bar (CE)
- Chromed plated brass body with all brass high pressure chamber for durability & safety
- Chromed Forged brass flow meter body for durability is also available
- Neoprene diaphragm type
- Reliable external safety relief valve
- Sintered filter inlet for additional safety and longer life
- 2" diameter Inlet pressure gauges 0~4000psi UL approved and outlet pressure gauges marked UR
- The standard preset outlet pressure is 50psi (ANSI) or 4 bar (CE) for stabilizing and accuracy flowing
- USA and international standard Inlet and outlet thread sizes are available

SPECIFICATIONS.

Model No.	Gas	Flow Ranges (LPM)	Inlet Connection
101RM 5LM 540	OXYGEN	1/2~5	CGA-540 Nut and Nipple
101RM 5LM 540HT	OXYGEN	1/2~5	CGA-540 Hand tight Nut and Nipple
101RM 5LM 870	OXYGEN	1/2~5	CGA-870 Yoke
101RM 8LM 540	OXYGEN	1~8	CGA-540 Nut and Nipple
101RM 8LM 540HT	OXYGEN	1~8	CGA-540 Hand tight Nut and Nipple
101RM 8LM 870	OXYGEN	1~8	CGA-870 Yoke
101RM 15LM 992	OXYGEN	1~15	CGA-992 Nut and Nipple
101RM 15LM 992HT	OXYGEN	1~15	CGA-992 Bull Nose and Hand tight
101RM 15LM 540	OXYGEN	1~15	CGA-540 Nut and Nipple
101RM 15LM 540HT	OXYGEN	1~15	CGA-540 Hand tight Nut and Nipple
101RM 15LM 870	OXYGEN	1~15	CGA-870 Yoke

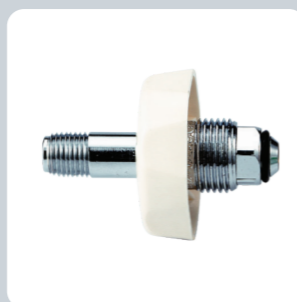
206RM LM Series

Two Stage/
Flowgauge Regulators

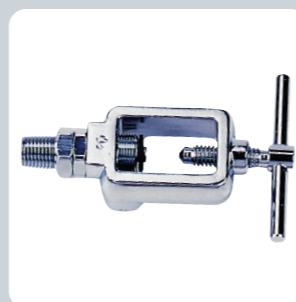


206RM 15LM 540

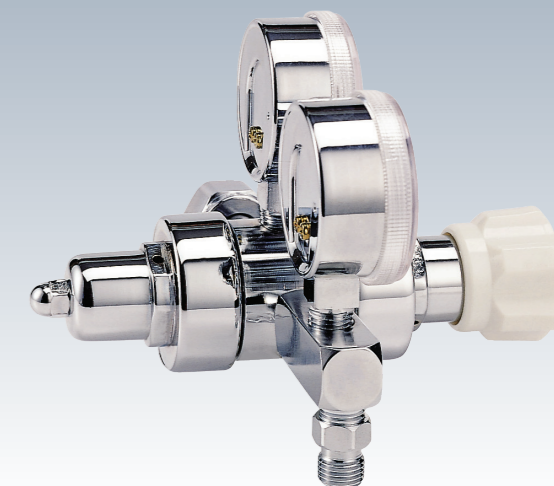
INLET CONNECTION



CGA 992HT



CGA 870



HOW TO ORDER.

206RM A LM B SET

Outlook Identification

106RM	108MF
101RM	206RM
FR120	
FR130	
YR88	
YR90	

(A) Flow Rate Specification in "liter/minute"

(B) Inlet Connection	(SET) Set Identification
CGA 540	CGA 346
CGA 540HT	CGA 950
CGA 870	CGA 320
CGA 992	CGA 320HT
CGA 992HT	DIN 477-1

"SET" means the whole set including the combination of accessories.

FEATURES.

- Maximum inlet pressure 3000psi (ANSI)/ 210bar (CE)
- Chromed plated brass body with all brass high pressure chamber for durability & safety
- Two-stage design for flow control accuracy purpose such as calibration and testing
- First stage reduces high pressure to 170psi; second stage reduces to provide greater accuracy at lower flow settings
- Sintered filter inlet for additional safety and longer life
- 2" diameter Inlet pressure gauges 0~4000psi UL approved and outlet pressure gauges marked UR
- The standard preset outlet pressure is 50psi (ANSI), 4bar (CE) for stabilizing and accuracy flowing
- USA and international standard Inlet and outlet thread sizes are available

SPECIFICATIONS.

Model No.	Gas	Flow Ranges (LPM)	Inlet Connection
206RM 5LM 540	OXYGEN	1/2~5	CGA-540 Nut and Nipple
206RM 5LM 540HT	OXYGEN	1/2~5	CGA-540 Hand tight Nut and Nipple
206RM 8LM 540	OXYGEN	1~8	CGA-540 Nut and Nipple
206RM 8LM 540HT	OXYGEN	1~8	CGA-540 Hand tight Nut and Nipple
206RM 15LM 992	OXYGEN	1~15	CGA-992 Nut and Nipple
206RM 15LM 992HT	OXYGEN	1~15	CGA-992 Bull Nose and Hand tight
206RM 15LM 540	OXYGEN	1~15	CGA-540 Nut and Nipple
206RM 15LM 540HT	OXYGEN	1~15	CGA-540 Hand tight Nut and Nipple

PS

Preset Regulators



PS Preset Regulators



106RM PS Series Single Stage / Diaphragm Type

31



101RM PS Series Single Stage / Diaphragm Type

33



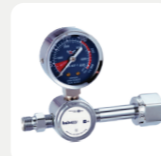
FR120 PS Series Single Stage / Diaphragm Type

35



FR130 PS Series Diaphragm Type

37



YR88 PS Series Single Stage / Piston Type

39



YR90 PS Series Single Stage / Piston Type

41

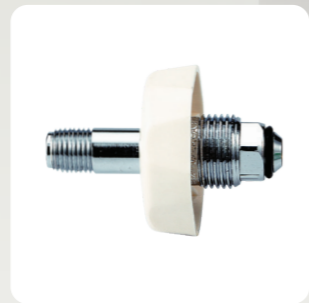
106RM PS Series

Single Stage/ Diaphragm Type/
Preset Regulators



106RM 50PS 540

INLET CONNECTION



CGA 992HT



CGA 870

FEATURES.

- Maximum inlet pressure 3000psi (ANSI)/ 210bar (CE)
- Chromed plated brass body with all brass high pressure chamber for durability & safety
- Neoprene diaphragm with internal reseating relief valve protects against over-pressurization
- Sintered filter inlet for additional safety and longer life
- The standard 2" diameter Inlet pressure gauges 0~4000psi by UL approved
- The standard preset outlet pressure is 50psi (ANSI) or 4 bar (CE) for stabilizing.
- USA and accuracy flowing and international standard Inlet and outlet thread sizes are available

HOW TO ORDER.

106RM ^(A)PS ^(B)_— ^(V)

Outlook Identification

106RM 108MF
101RM 206RM
FR120
FR130
YR88
YR90

(A) Preset pressure specification in psi, bar or kPa.

(B) Inlet Connection

CGA 540 CGA 346
CGA 540HT CGA 950
CGA 870 CGA 320
CGA 992 CGA 320HT
CGA 992HT DIN 477-1

(V) Outlet Connection

— means outlet be horicontal (180°)
V means outlet be vertical (90°)

SPECIFICATIONS.

Model No.	Gas	Inlet Connection
106RM 50PS 540 (V)	OXYGEN	CGA-540 Nut and Nipple
106RM 50PS 540HT (V)	OXYGEN	CGA-540 Hand tight Nut and Nipple
106RM 50PS 870 (V)	OXYGEN	CGA-870 Yoke
106RM 50PS 346 (V)	MEDICAL AIR	CGA-346 Nut and Nipple
106RM 50PS 346HT (V)	MEDICAL AIR	CGA-346 Hand tight Nut and Nipple
106RM 50PS 950 (V)	MEDICAL AIR	CGA-950 Yoke
106RM 50PS 326 (V)	N2O	CGA-326 Nut and Nipple
106RM 50PS 326HT (V)	N2O	CGA-326 Hand tight Nut and Nipple
106RM 50PS 910 (V)	N2O	CGA-910 Yoke
106RM 50PS 320 (V)	CO2	CGA-320 Nut and Nipple
106RM 50PS 320HT (V)	CO2	CGA-320 Hand tight Nut and Nipple
106RM 50PS 940 (V)	CO2	CGA-940 Yoke
106RM 50PS 580 (V)	NITROGEN	CGA-580 Nut and Nipple
106RM 50PS 580HT (V)	NITROGEN	CGA-580 Hand tight Nut and Nipple
106RM 50PS 960 (V)	NITROGEN	CGA-960 Yoke
106RM 50PS 280 (V)	MEDICAL GAS MIXTURES	CGA-280 Nut and Nipple
106RM 50PS 280HT (V)	MEDICAL GAS MIXTURES	CGA-280 Hand tight Nut and Nipple
106RM 50PS 500 (V)	MEDICAL GAS MIXTURES	CGA-500 Nut and Nipple
106RM 50PS 500HT (V)	MEDICAL GAS MIXTURES	CGA-500 Hand tight Nut and Nipple
106RM 50PS 880 (V)	MEDICAL GAS MIXTURES	CGA-880 Yoke
106RM 50PS 890 (V)	MEDICAL GAS MIXTURES	CGA-890 Yoke
106RM 50PS 930 (V)	MEDICAL GAS MIXTURES	CGA-930 Yoke
106RM 50PS 580 (V)	MEDICAL HELIUM	CGA-580 Nut and Nipple
106RM 50PS 580HT (V)	MEDICAL HELIUM	CGA-580 Hand tight Nut and Nipple

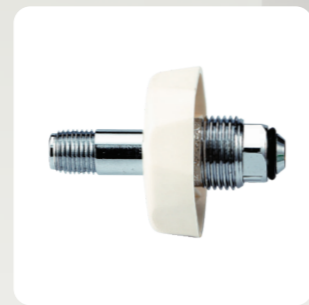
101RM PS Series

Single Stage/ Diaphragm Type/
Preset Regulators



101RM 50PS 540

INLET CONNECTION



CGA 992HT



CGA 870

FEATURES.

- Maximum inlet pressure 3000psi (ANSI)/ 210bar (CE)
- Chromed plated brass body with all brass high pressure chamber for durability & safety
- Neoprene diaphragm with internal reseating relief valve protects against over-pressurization
- Sintered filter inlet for additional safety and longer life
- The standard 2" diameter Inlet pressure gauges 0~4000psi by UL approved
- The standard preset outlet pressure is 50psi (ANSI) or 4 bar (CE) for stabilizing.
- USA and accuracy flowing and international standard Inlet and outlet thread sizes are available

HOW TO ORDER.

101RM ^(A)PS ^(B) ^(V)

Outlook Identification

106RM 108MF
101RM 206RM
FR120
FR130
YR88
YR90

^(A) Preset pressure specification in psi, bar or kPa.

^(B) Inlet Connection

CGA 540 CGA 346
CGA 540HT CGA 950
CGA 870 CGA 320
CGA 992 CGA 320HT
CGA 992HT DIN 477-1

^(V) Outlet Connection

— means outlet be horicontal (180°)
V means outlet be vertical (90°)

SPECIFICATIONS.

Model No.	Gas	Inlet Connection
101RM 50PS 540 (V)	OXYGEN	CGA-540 Nut and Nipple
101RM 50PS 540HT (V)	OXYGEN	CGA-540 Hand tight Nut and Nipple
101RM 50PS 870 (V)	OXYGEN	CGA-870 Yoke
101RM 50PS 346 (V)	MEDICAL AIR	CGA-346 Nut and Nipple
101RM 50PS 346HT (V)	MEDICAL AIR	CGA-346 Hand tight Nut and Nipple
101RM 50PS 950 (V)	MEDICAL AIR	CGA-950 Yoke
101RM 50PS 326 (V)	N2O	CGA-326 Nut and Nipple
101RM 50PS 326HT (V)	N2O	CGA-326 Hand tight Nut and Nipple
101RM 50PS 910 (V)	N2O	CGA-910 Yoke
101RM 50PS 320 (V)	CO2	CGA-320 Nut and Nipple
101RM 50PS 320HT (V)	CO2	CGA-320 Hand tight Nut and Nipple
101RM 50PS 940 (V)	CO2	CGA-940 Yoke
101RM 50PS 580 (V)	NITROGEN	CGA-580 Nut and Nipple
101RM 50PS 580HT (V)	NITROGEN	CGA-580 Hand tight Nut and Nipple
101RM 50PS 960 (V)	NITROGEN	CGA-960 Yoke
101RM 50PS 280 (V)	MEDICAL GAS MIXTURES	CGA-280 Nut and Nipple
101RM 50PS 280HT (V)	MEDICAL GAS MIXTURES	CGA-280 Hand tight Nut and Nipple
101RM 50PS 500 (V)	MEDICAL GAS MIXTURES	CGA-500 Nut and Nipple
101RM 50PS 500HT (V)	MEDICAL GAS MIXTURES	CGA-500 Hand tight Nut and Nipple
101RM 50PS 880 (V)	MEDICAL GAS MIXTURES	CGA-880 Yoke
101RM 50PS 890 (V)	MEDICAL GAS MIXTURES	CGA-890 Yoke
101RM 50PS 930 (V)	MEDICAL GAS MIXTURES	CGA-930 Yoke
101RM 50PS 580 (V)	MEDICAL HELIUM	CGA-580 Nut and Nipple
101RM 50PS 580HT (V)	MEDICAL HELIUM	CGA-580 Hand tight Nut and Nipple

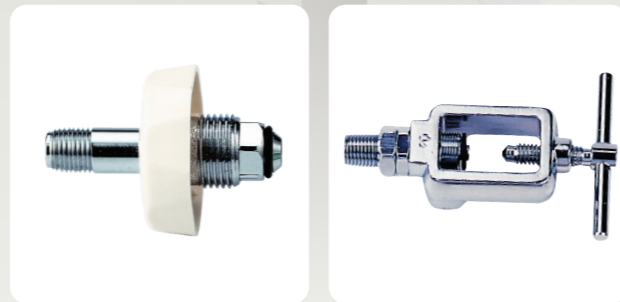
FR120 PS Series

Single Stage/ Diaphragm Type/
Preset Regulators



FR102 50PS 540

INLET CONNECTION



CGA 992HT

CGA 870

FEATURES.

- Maximum inlet pressure 3000psi (ANSI)/ 210bar (CE)
- Chromed plated brass body with all brass high pressure chamber for durability & safety
- Neoprene diaphragm type
- Reliable external safety relief valve
- Sintered filter inlet for additional safety and longer life
- The standard 2" diameter Inlet pressure gauges 0~4000psi by UL approved
- The standard preset outlet pressure is 50psi (ANSI) or 4 bar (CE) for stabilizing.
- USA and accuracy flowing and international standard Inlet and outlet thread sizes are available

HOW TO ORDER.

FR120 ^(A)PS ^(B) ^(V)

Outlook Identification

106RM 108MF
101RM 206RM
FR120
FR130
YR88
YR90

^(A) Preset pressure specification in psi, bar or kPa.

^(B) Inlet Connection

CGA 540 CGA 346
CGA 540HT CGA 950
CGA 870 CGA 320
CGA 992 CGA 320HT
CGA 992HT DIN 477-1

^(V) Outlet Connection

— means outlet be horicontal (180°)
V means outlet be vertical (90°)

SPECIFICATIONS.

Model No.	Gas	Inlet Connection
FR120 50PS 540 (V)	OXYGEN	CGA-540 Nut and Nipple
FR120 50PS 540HT (V)	OXYGEN	CGA-540 Hand tight Nut and Nipple
FR120 50PS 870 (V)	OXYGEN	CGA-870 Yoke
FR120 50PS 346 (V)	MEDICAL AIR	CGA-346 Nut and Nipple
FR120 50PS 346HT (V)	MEDICAL AIR	CGA-346 Hand tight Nut and Nipple
FR120 50PS 950 (V)	MEDICAL AIR	CGA-950 Yoke
FR120 50PS 326 (V)	N2O	CGA-326 Nut and Nipple
FR120 50PS 326HT (V)	N2O	CGA-326 Hand tight Nut and Nipple
FR120 50PS 910 (V)	N2O	CGA-910 Yoke
FR120 50PS 320 (V)	CO2	CGA-320 Nut and Nipple
FR120 50PS 320HT (V)	CO2	CGA-320 Hand tight Nut and Nipple
FR120 50PS 940 (V)	CO2	CGA-940 Yoke
FR120 50PS 580 (V)	NITROGEN	CGA-580 Nut and Nipple
FR120 50PS 580HT (V)	NITROGEN	CGA-580 Hand tight Nut and Nipple
FR120 50PS 960 (V)	NITROGEN	CGA-960 Yoke
FR120 50PS 280 (V)	MEDICAL GAS MIXTURES	CGA-280 Nut and Nipple
FR120 50PS 280HT (V)	MEDICAL GAS MIXTURES	CGA-280 Hand tight Nut and Nipple
FR120 50PS 500 (V)	MEDICAL GAS MIXTURES	CGA-500 Nut and Nipple
FR120 50PS 500HT (V)	MEDICAL GAS MIXTURES	CGA-500 Hand tight Nut and Nipple
FR120 50PS 880 (V)	MEDICAL GAS MIXTURES	CGA-880 Yoke
FR120 50PS 890 (V)	MEDICAL GAS MIXTURES	CGA-890 Yoke
FR120 50PS 930 (V)	MEDICAL GAS MIXTURES	CGA-930 Yoke
FR120 50PS 580 (V)	MEDICAL HELIUM	CGA-580 Nut and Nipple
FR120 50PS 580HT (V)	MEDICAL HELIUM	CGA-580 Hand tight Nut and Nipple

FR130 PS Series

Diaphragm Type/
Preset Regulators



FR130 50PS 540

INLET CONNECTION



CGA 540

CGA 870

FEATURES.

- Maximum inlet pressure 3000psi (ANSI)/ 210bar (CE).
- Both high pressure chamber for durability & Reliable external safety relief valve on rear for safety.
- Diaphragm type.
- Sintered filter inlet for additional safety and longer life.
- Various gauge plate design: 2" diameter Inlet pressure gauges 0~4000psi by UL approved
- Horizontal or Vertical outlet connections are available.
- The standard preset outlet pressure is 50psi (ANSI) or 4 bar (CE) for stabilizing and accuracy flowing
- USA and international standard Inlet and outlet thread sizes are available.

HOW TO ORDER.

FR130 ^(A) PS ^(B) ^(V)

Outlook Identification

106RM 108MF
101RM 206RM
FR120
FR130
YR88
YR90

^(A) Preset pressure specification in psi, bar or kPa.

^(B) Inlet Connection

CGA 540 CGA 346
CGA 540HT CGA 950
CGA 870 CGA 320
CGA 992 CGA 320HT
CGA 992HT DIN 477-1

^(V) Outlet Connection

— means outlet be horicontal (180°)
V means outlet be vertical (90°)

SPECIFICATIONS.

Model No.	Gas	Inlet Connection
FR130 50PS 540 (V)	OXYGEN	CGA-540 Nut and Nipple
FR130 50PS 540HT (V)	OXYGEN	CGA-540 Hand tight Nut and Nipple
FR130 50PS 870 (V)	OXYGEN	CGA-870 Yoke
FR130 50PS 346 (V)	MEDICAL AIR	CGA-346 Nut and Nipple
FR130 50PS 346HT (V)	MEDICAL AIR	CGA-346 Hand tight Nut and Nipple
FR130 50PS 950 (V)	MEDICAL AIR	CGA-950 Yoke
FR130 50PS 326 (V)	N2O	CGA-326 Nut and Nipple
FR130 50PS 326HT (V)	N2O	CGA-326 Hand tight Nut and Nipple
FR130 50PS 910 (V)	N2O	CGA-910 Yoke
FR130 50PS 320 (V)	CO2	CGA-320 Nut and Nipple
FR130 50PS 320HT (V)	CO2	CGA-320 Hand tight Nut and Nipple
FR130 50PS 940 (V)	CO2	CGA-940 Yoke
FR130 50PS 580 (V)	NITROGEN	CGA-580 Nut and Nipple
FR130 50PS 580HT (V)	NITROGEN	CGA-580 Hand tight Nut and Nipple
FR130 50PS 960 (V)	NITROGEN	CGA-960 Yoke
FR130 50PS 280 (V)	MEDICAL GAS MIXTURES	CGA-280 Nut and Nipple
FR130 50PS 280HT (V)	MEDICAL GAS MIXTURES	CGA-280 Hand tight Nut and Nipple
FR130 50PS 500 (V)	MEDICAL GAS MIXTURES	CGA-500 Nut and Nipple
FR130 50PS 500HT (V)	MEDICAL GAS MIXTURES	CGA-500 Hand tight Nut and Nipple
FR130 50PS 880 (V)	MEDICAL GAS MIXTURES	CGA-880 Yoke
FR130 50PS 890 (V)	MEDICAL GAS MIXTURES	CGA-890 Yoke
FR130 50PS 930 (V)	MEDICAL GAS MIXTURES	CGA-930 Yoke
FR130 50PS 580 (V)	MEDICAL HELIUM	CGA-580 Nut and Nipple
FR130 50PS 580HT (V)	MEDICAL HELIUM	CGA-580 Hand tight Nut and Nipple

YR88 PS Series

Single Stage/ Piston Type/
Preset Regulators

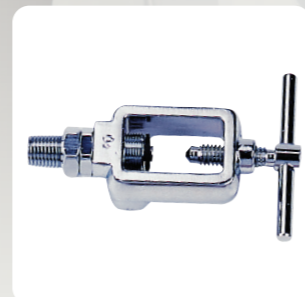


YR88 50PS 540

INLET CONNECTION



CGA 922HT



CGA 870

FEATURES.

- Maximum inlet pressure 3000psi (ANSI)/ 210bar (CE)
- Chromed forged brass body for durable and compact
- Piston type
- Reliable external safety relief valve on rear
- Sintered filter inlet for additional safety and longer life
- 2" diameter Inlet pressure gauges 0~315 bar -1(CE) or 0~315kg (JIS)
- The standard preset outlet pressure is 1.5KG (JIS), 50psi(ANSI) or 4 bar (CE) for stabilizing and accuracy flowing
- USA and international standard Inlet and outlet thread sizes are available

HOW TO ORDER.

YR88 A PS B V

Outlook Identification

106RM	108MF
101RM	206RM
FR120	
FR130	
YR88	
YR90	

(A) Preset pressure specification in psi, bar or kPa.

(B) Inlet Connection

CGA 540	CGA 346
CGA 540HT	CGA 950
CGA 870	CGA 320
CGA 992	CGA 320HT
CGA 992HT	DIN 477-1

(V) Outlet Connection

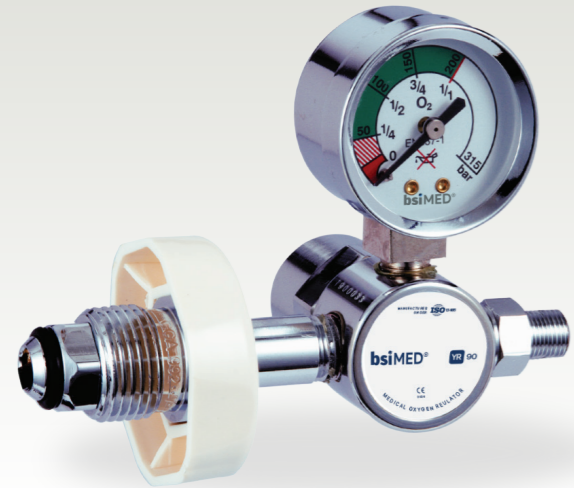
— means outlet be horicntal (180°)
V means outlet be vertical (90°)

SPECIFICATIONS.

Model No.	Gas	Inlet Connection
YR88 50PS 540 (V)	OXYGEN	CGA-540 Nut and Nipple
YR88 50PS 540HT (V)	OXYGEN	CGA-540 Hand tight Nut and Nipple
YR88 50PS 870 (V)	OXYGEN	CGA-870 Yoke
YR88 50PS 346 (V)	MEDICAL AIR	CGA-346 Nut and Nipple
YR88 50PS 346HT (V)	MEDICAL AIR	CGA-346 Hand tight Nut and Nipple
YR88 50PS 950 (V)	MEDICAL AIR	CGA-950 Yoke
YR88 50PS 326 (V)	N2O	CGA-326 Nut and Nipple
YR88 50PS 326HT (V)	N2O	CGA-326 Hand tight Nut and Nipple
YR88 50PS 910 (V)	N2O	CGA-910 Yoke
YR88 50PS 320 (V)	CO2	CGA-320 Nut and Nipple
YR88 50PS 320HT (V)	CO2	CGA-320 Hand tight Nut and Nipple
YR88 50PS 940 (V)	CO2	CGA-940 Yoke
YR88 50PS 580 (V)	NITROGEN	CGA-580 Nut and Nipple
YR88 50PS 580HT (V)	NITROGEN	CGA-580 Hand tight Nut and Nipple
YR88 50PS 960 (V)	NITROGEN	CGA-960 Yoke
YR88 50PS 280 (V)	MEDICAL GAS MIXTURES	CGA-280 Nut and Nipple
YR88 50PS 280HT (V)	MEDICAL GAS MIXTURES	CGA-280 Hand tight Nut and Nipple
YR88 50PS 500 (V)	MEDICAL GAS MIXTURES	CGA-500 Nut and Nipple
YR88 50PS 500HT (V)	MEDICAL GAS MIXTURES	CGA-500 Hand tight Nut and Nipple
YR88 50PS 880 (V)	MEDICAL GAS MIXTURES	CGA-880 Yoke
YR88 50PS 890 (V)	MEDICAL GAS MIXTURES	CGA-890 Yoke
YR88 50PS 930 (V)	MEDICAL GAS MIXTURES	CGA-930 Yoke
YR88 50PS 580 (V)	MEDICAL HELIUM	CGA-580 Nut and Nipple
YR88 50PS 580HT (V)	MEDICAL HELIUM	CGA-580 Hand tight Nut and Nipple

YR90 PS Series

Single Stage/ Piston Type/
Preset Regulators



YR90 50PS 540

INLET CONNECTION



CGA 540



CGA 870

FEATURES.

- Maximum inlet pressure 3000psi (ANSI) / 210bar (CE).
- Chromed forged brass body for durable and compact.
- Piston type.
- Reliable external safety relief valve on rear.
- Sintered filter inlet for additional safety and longer life.
- 1.5" diameter Inlet pressure gauges 0~315 bar EN837-1(CE) or 0~315kg (JIS).
- The standard preset outlet pressure is 50psi(ANSI) or 4 bar (CE) for stabilizing and accuracy flowing.
- USA and international standard Inlet and outlet thread sizes are available.

HOW TO ORDER.

YR90 ^(A)PS ^(B)_— ^(V)

Outlook Identification

106RM	108MF
101RM	206RM
FR120	
FR130	
YR88	
YR90	

(A) Preset pressure specification in psi, bar or kPa.

(B) Inlet Connection

CGA 540	CGA 346
CGA 540HT	CGA 950
CGA 870	CGA 320
CGA 992	CGA 320HT
CGA 992HT	DIN 477-1

(V) Outlet Connection

— means outlet be horizontal (180°)
V means outlet be vertical (90°)

SPECIFICATIONS.

Model No.	Gas	Inlet Connection
YR90 50PS 540 (V)	OXYGEN	CGA-540 Nut and Nipple
YR90 50PS 540HT (V)	OXYGEN	CGA-540 Hand tight Nut and Nipple
YR90 50PS 870 (V)	OXYGEN	CGA-870 Yoke
YR90 50PS 346 (V)	MEDICAL AIR	CGA-346 Nut and Nipple
YR90 50PS 346HT (V)	MEDICAL AIR	CGA-346 Hand tight Nut and Nipple
YR90 50PS 950 (V)	MEDICAL AIR	CGA-950 Yoke
YR90 50PS 326 (V)	N2O	CGA-326 Nut and Nipple
YR90 50PS 326HT (V)	N2O	CGA-326 Hand tight Nut and Nipple
YR90 50PS 910 (V)	N2O	CGA-910 Yoke
YR90 50PS 320 (V)	CO2	CGA-320 Nut and Nipple
YR90 50PS 320HT (V)	CO2	CGA-320 Hand tight Nut and Nipple
YR90 50PS 940 (V)	CO2	CGA-940 Yoke
YR90 50PS 580 (V)	NITROGEN	CGA-580 Nut and Nipple
YR90 50PS 580HT (V)	NITROGEN	CGA-580 Hand tight Nut and Nipple
YR90 50PS 960 (V)	NITROGEN	CGA-960 Yoke
YR90 50PS 280 (V)	MEDICAL GAS MIXTURES	CGA-280 Nut and Nipple
YR90 50PS 280HT (V)	MEDICAL GAS MIXTURES	CGA-280 Hand tight Nut and Nipple
YR90 50PS 500 (V)	MEDICAL GAS MIXTURES	CGA-500 Nut and Nipple
YR90 50PS 500HT (V)	MEDICAL GAS MIXTURES	CGA-500 Hand tight Nut and Nipple
YR90 50PS 880 (V)	MEDICAL GAS MIXTURES	CGA-880 Yoke
YR90 50PS 890 (V)	MEDICAL GAS MIXTURES	CGA-890 Yoke
YR90 50PS 930 (V)	MEDICAL GAS MIXTURES	CGA-930 Yoke
YR90 50PS 580 (V)	MEDICAL HELIUM	CGA-580 Nut and Nipple
YR90 50PS 580HT (V)	MEDICAL HELIUM	CGA-580 Hand tight Nut and Nipple

PR

Adjustable Pressure Regulators



PR Adjustable Pressure Regulators



106RM PR Series

Single Stage / Diaphragm Type

45



206RM PR Series

Two Stages / Diaphragm Type

47

106RM PR Series

Single Stage/ Diaphragm Type/
Adjustable Pressure Regulators



106RM 50PR 540

INLET CONNECTION



CGA 870

FEATURES.

- Maximum inlet pressure 3000psi (ANSI)/ 210bar (CE)
- Chromed plated brass body with all brass high pressure chamber for durability & safety
- Neoprene diaphragm with internal reseating relief valve protects against over-pressurization
- Sintered filter inlet for additional safety and longer life
- The standard 2" diameter Inlet pressure gauge 0~4000psi UL approved and outlet pressure gauge marked UR, 0~50psi or 100psi
- USA and international standard Inlet and outlet thread sizes are available

HOW TO ORDER.

106RM A PR B SET

Outlook Identification

106RM 108MF
101RM 206RM
FR120
FR130
YR88
YR90

(A) Max outlet delivery pressure specification, 50psi, 100psi, in psi, bar or kPa.

(B) Inlet Connection

CGA 540 CGA 346
CGA 540HT CGA 950
CGA 870 CGA 320
CGA 992 CGA 320HT
CGA 992HT DIN 477-1

(SET) Set Identification

"SET" means the whole set including the combination of accessories.

SPECIFICATIONS.

Model No.	Gas	Inlet Connection
106RM 50PR 540	OXYGEN	CGA-540 Nut and Nipple
106RM 50PR 992	OXYGEN	CGA-992 Nut and Nipple
106RM 50PR 870	OXYGEN	CGA-870 Yoke
106RM 100PR 540	OXYGEN	CGA-540 Nut and Nipple
106RM 100PR 992	OXYGEN	CGA-992 Nut and Nipple
106RM 100PR 870	OXYGEN	CGA-870 Yoke
106RM 50PR 346	MEDICAL AIR	CGA-346 Nut and Nipple
106RM 50PR 950	MEDICAL AIR	CGA-950 Yoke
106RM 100PR 346	MEDICAL AIR	CGA-346 Nut and Nipple
106RM 10PR 950	MEDICAL AIR	CGA-950 Yoke
106RM 50PR 326	N2O	CGA-326 Nut and Nipple
106RM 50PR 910	N2O	CGA-910 Yoke
106RM 100PR 326	N2O	CGA-326 Nut and Nipple
106RM 100PR 910	N2O	CGA-910 Yoke
106RM 100PR 320	CO2	CGA-320 Nut and Nipple
106RM 100PR 940	CO2	CGA-940 Yoke
106RM 100PR 580	NITROGEN	CGA-580 Nut and Nipple
106RM 100PR 960	NITROGEN	CGA-960 Yoke
106RM 100PR 500	MEDICAL GAS MIXTURES	CGA-500 Nut and Nipple
106RM 100PR 580	MEDICAL HELIUM	CGA-580 Nut and Nipple

206RM PR Series

Two Stage/ Diaphragm Type/
Adjustable Pressure Regulators



INLET CONNECTION



CGA 870

FEATURES.

- Chromed plated brass body with all brass high pressure chamber for durability & safety
- Two-stage design for flow control accuracy purpose such as calibration and testing
- First stage reduces high pressure to 170psi; second stage reduces to provide greater accuracy at lower flow settings
- Sintered filter inlet for additional safety and longer life
- The standard 2" diameter Inlet pressure gauge 0~4000psi UL approved and outlet pressure gauge marked UR, 0~50psi or 100psi
- USA and international standard Inlet and outlet thread sizes are available

HOW TO ORDER.

206RM A PR B SET

Outlook Identification

106RM	108MF
101RM	206RM
FR120	
FR130	
YR88	
YR90	

(A) Max outlet delivery pressure specification, 50psi, 100psi, in psi, bar or kPa.

(B) Inlet Connection

CGA 540	CGA 346
CGA 540HT	CGA 950
CGA 870	CGA 320
CGA 992	CGA 320HT
CGA 992HT	DIN 477-1

(SET) Set Identification

"SET" means the whole set including the combination of accessories.

SPECIFICATIONS.

Model No.	Gas	Inlet Connection
206RM 50PR 540	OXYGEN	CGA-540 Nut and Nipple
206RM 50PR 992	OXYGEN	CGA-992 Nut and Nipple
206RM 50PR 870	OXYGEN	CGA-870 Yoke
206RM 100PR 540	OXYGEN	CGA-540 Nut and Nipple
206RM 100PR 992	OXYGEN	CGA-992 Nut and Nipple
206RM 100PR 870	OXYGEN	CGA-870 Yoke
206RM 50PR 346	MEDICAL AIR	CGA-346 Nut and Nipple
206RM 50PR 950	MEDICAL AIR	CGA-950 Yoke
206RM 100PR 346	MEDICAL AIR	CGA-346 Nut and Nipple
206RM 10PR 950	MEDICAL AIR	CGA-950 Yoke
206RM 50PR 326	N2O	CGA-326 Nut and Nipple
206RM 50PR 910	N2O	CGA-910 Yoke
206RM 100PR 326	N2O	CGA-326 Nut and Nipple
206RM 100PR 910	N2O	CGA-910 Yoke
206RM 100PR 320	CO2	CGA-320 Nut and Nipple
206RM 100PR 940	CO2	CGA-940 Yoke
206RM 100PR 580	NITROGEN	CGA-580 Nut and Nipple
206RM 100PR 960	NITROGEN	CGA-960 Yoke
206RM 100PR 500	MEDICAL GAS MIXTURES	CGA-500 Nut and Nipple
206RM 100PR 580	MEDICAL HELIUM	CGA-580 Nut and Nipple

MF

EMS Regulators



MF EMS Regulators



MF Series

208 / 108

51



MFB Series

208 / 108

53

MF Series

EMS Regulators



208MF 25LM 870



108MF 25LM 870



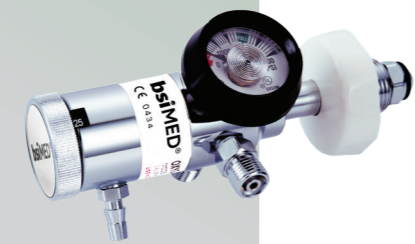
208MF 25LM 992HT



208MFB 25LM 870



108MFB 25LM 870



208MFB 25LM 992HT

MFB Series

EMS Regulators

FEATURES.

- Maximum inlet pressure 2000psi (ANSI) / 140bar (CE).
- The standard preset outlet pressure is 50psi (ANSI), 4bar (CE) for stabilizing and accuracy flowing.
- Needle valve design for continuous flow.
- Light-weight aluminum body & 1-1/2" diameter gauge.
- Piston Type / Viton® and silicone o-rings.
- Sintered filter for additional safety and to extend regulator life.
- Overall dimensions: 6" long x1.5" OD and 1.5" diameter gauge.
- USA and international standard inlet and outlet thread sizes are available.

SPECIFICATIONS.

Model No.	Flow Selection (LPM)	Inlet Connection	Outlet Connection	Preset Pressure
208MF 4B 540	-	CGA-540	dual power take-offs	50psi (4bar)
208MF 25LM 540	0, 0.5, 1, 2, 3, 4, 5, 6, 8, 10, 15, 25	CGA-540	dual power take-offs & barb outlet	50psi (4bar)
208MF 25LM 922HT	0, 0.5, 1, 2, 3, 4, 5, 6, 8, 10, 15, 25	CGA-992 Handtight	dual power take-offs & barb outlet	50psi (4bar)
108MF 15LM 870	0, 0.5, 1, 2, 3, 4, 5, 6, 8, 10, 15, 25	CGA-870 Pin index	barb outlet	50psi (4bar)
208MF 15LM 870	0, 0.5, 1, 2, 3, 4, 5, 6, 8, 10, 15, 25	CGA-870 Pin index	dual power take-offs & barb outlet	50psi (4bar)
108MF 25LM 870	0, 0.5, 1, 2, 3, 4, 5, 6, 8, 10, 15, 25	CGA-870 Pin index	dual barb outlet	50psi (4bar)
208MF 25LM 870	0, 0.5, 1, 2, 3, 4, 5, 6, 8, 10, 15, 25	CGA-870 Pin index	dual power take-offs & barb outlet	50psi (4bar)
208MF 4B 870	-	CGA-870 Pin index	dual power take-offs	50psi (4bar)

FEATURES.

- All brass construction in high pressure, low pressure and relief zones, durable and easy to grip flow selector.
- The specialty drilled orifices provide superior liter flow accuracy of 12 Flow Selections.
- Brass internal components - no aluminum wetted by high pressure oxygen.
- Durable and secure flow controller made of brass.
- Hose barb secured using robust thread to reduce chance of breakage.
- Viton® and silicone o-rings. Inlet pressure: 500-3000 psi. Max Outlet flow: 180 LPM.
- Sintered filter inlet and outlet for additional safety and longer life.
- Overall dimensions: 6" long x1.5" OD and 1.5" diameter gauge.
- USA and international standard inlet and outlet thread sizes are available.

SPECIFICATIONS.

Model No.	Flow Selection (LPM)	Inlet Connection	Outlet Connection	Preset Pressure
208MFB 4B 540	-	CGA-540	dual power take-offs	50psi (4bar)
208MFB 25LM 540	0, 0.5, 1, 2, 3, 4, 5, 6, 8, 10, 15, 25	CGA-540	dual power take-offs & barb outlet	50psi (4bar)
208MFB 25LM 922HT	0, 0.5, 1, 2, 3, 4, 5, 6, 8, 10, 15, 25	CGA-992 Handtight	dual power take-offs & barb outlet	50psi (4bar)
108MFB 15LM 870	0, 0.5, 1, 2, 3, 4, 5, 6, 8, 10, 15, 25	CGA-870 Pin index	barb outlet	50psi (4bar)
208MFB 15LM 870	0, 0.5, 1, 2, 3, 4, 5, 6, 8, 10, 15, 25	CGA-870 Pin index	dual power take-offs & barb outlet	50psi (4bar)
108MFB 25LM 870	0, 0.5, 1, 2, 3, 4, 5, 6, 8, 10, 15, 25	CGA-870 Pin index	dual barb outlet	50psi (4bar)
208MFB 25LM 870	0, 0.5, 1, 2, 3, 4, 5, 6, 8, 10, 15, 25	CGA-870 Pin index	dual power take-offs & barb outlet	50psi (4bar)
208MFB 4B 870	-	CGA-870 Pin index	dual power take-offs	50psi (4bar)

TF Flowmeters



TF Tube Flowmeters

	800 Series	Single / Tube type (Forged Body)	55
	801 Series	Single / Tube type	56
	802 Series	Single / Tube Type / with Quick-Connect Adaptors	57
	805 Series	Single / Tube Type / with Quick-Connect Adaptors	58
	806 Series	Single / Tube Type / with Quick-Connect Adaptors	59
	808 Series	Single / Tube Type / with Quick-Connect Adaptors	60
	822 Series	Double / Tube Type / with Quick-Connect Adaptors	61
	825 Series	Double / Tube Type / with Quick-Connect Adaptors	62
	826 Series	Double / Tube Type / with Quick-Connect Adaptors	63

800 Series

Tube type (Forged Body) /
Medical flowmeter for regulators



FEATURES.

- Chrome-plated forged brass body construction for durability
- Precision engineered pressure un-compensated design accurately measures from 0~10 LPM or 0~15LPM
- Polycarbonate inner and outer tubes provide greater accuracy, durability & safety
- Calibrated at 50psi (3.5kg/cm²) or at 22psi (1.5kg/cm²) inlet pressure
- Plastic Outlet flow control valve vertical (90 °) to Inlet connection
- Sintered filter for additional safety and longer life
- USA Full lines connections and international standard Inlet and outlet thread sizes are available

SPECIFICATIONS.

Model No.	Gas	Max Calibrated Flow LPM (1/min)	Inlet Connection	Outlet Connection
800 OX 15 M4 9/16	OXYGEN	0~15	Male 1/4"NPT (M4)	Male 9/16"
800 OX 15 M4 G1/4	OXYGEN	0~15	Male 1/4"NPT (M4)	G1/4"
800 OX 15 M4 G3/8	OXYGEN	0~15	Male 1/4"NPT (M4)	Male G3/8"
800 OX 15 M4 M12	OXYGEN	0~15	Male 1/4"NPT (M4)	M12
800 OX 15 M4 M16	OXYGEN	0~15	Male 1/4"NPT (M4)	M16
800 OX 15 FG3/8 G3/8	OXYGEN	0~15	Female G3/8" (G3/8)	Male G3/8"
800 OX 10 M4 9/16	OXYGEN	0~10	Male 1/4"NPT (M4)	Male 9/16"
800 OX 10 M4 G1/4	OXYGEN	0~10	Male 1/4"NPT (M4)	G1/4"
800 OX 10 M4 G3/8	OXYGEN	0~10	Male 1/4"NPT (M4)	Male G3/8"
800 OX 10 M4 M12	OXYGEN	0~10	Male 1/4"NPT (M4)	M12
800 OX 10 M4 M16	OXYGEN	0~10	Male 1/4"NPT (M4)	M16
800 OX 10 FG3/8 G3/8	OXYGEN	0~10	Female G3/8" (G3/8)	Male G3/8"
800 AI 15 M4 9/16	MEDICAL AIR	0~15	Option	Option
800 AI 15 M4 9/16	MEDICAL AIR	0~10	Option	Option
800 CO 15 M4 9/16	CO2	0~15	Option	Option
800 N2 15 M4 9/16	N2O	0~15	Option	Option
800 HE 15 M4 9/16	MEDICAL HELIUM	0~15	Option	Option

HOW TO ORDER.

800 A B C D E SET

A Outlook Identification

- Horizontal (180°) Inlet & Flow Control Value
- V_ Vertical (90°) Inlet & Flow Control Value
- _P Including Power Take-off (PAGE 57)

B Gas Type

- | | | | |
|----|------------------|----|-----------------|
| OX | Oxygen | CO | CO ₂ |
| AI | Medical Air | HE | Helium |
| N2 | N ₂ O | | |

C Click Flowmeter Type (in max. LPM)

- | | |
|----|----|
| 15 | 03 |
| 08 | 01 |

D Wall Connection

- | | | |
|--------------------------------|---------------------------|--------------------------------|
| AH Australian Handtight | EB Elbow with Barb | MM Medstar Male |
| AM AGA Male | F2 1/8" FNPT | NF NIST Female |
| BB Bubble Barb | F4 1/4" FNPT | OM Ohmeda Male |
| BP British Probe | FM French Male | PM Puritan Bennett Male |
| CM Chemetron Male | GM German Male | SM Shrader Male |
| DH DISS Handtight | JM Japanese Male | XM Oxequip Male |
| DM DISS Male | M2 1/8" MNPT | |
| DN DISS Nut & Nipple | M4 1/4" MNPT | |

E Outlet Connection

- | | | | |
|------|------------|-----|-------------------|
| 9/16 | Male 9/16" | M12 | Male M12 |
| G3/8 | Male G3/8" | M16 | Male M16 |
| G1/4 | Male G1/4" | TN | Nipple Connection |

SET Set Identification (PAGE 57)

SET mean the whole set including the combination of accessories (Swivel 4~6 bard connector, humidifier, mask, ...)

801 Series

Tube Type/ Medical Flowmeters for Regulators



FEATURES.

- Chrome-plated forged brass body construction for durability
- Precision engineered pressure un-compensated design accurately measures from 0~10 LPM or 0~15LPM
- Polycarbonate inner and outer tubes provide greater accuracy, durability & safety
- Calibrated at 50psi (3.5kg/cm2) or at 22psi (1.5kg/cm2) inlet pressure
- Plastic Outlet flow control valve vertical (90 °) to Inlet connection
- Sintered filter for additional safety and longer life
- USA Full lines connections and international standard Inlet and outlet thread sizes are available

SPECIFICATIONS.

Model No.	Gas	Max Calibrated Flow LPM (1/min)	Inlet Connection	Outlet Connection
801 OX 15 M4 9/16	OXYGEN	0~15	Male 1/4"NPT (M4)	Male 9/16"
801 OX 15 M4 G1/4	OXYGEN	0~15	Male 1/4"NPT (M4)	G1/4"
801 OX 15 M4 G3/8	OXYGEN	0~15	Male 1/4"NPT (M4)	Male G3/8"
801 OX 15 M4 M12	OXYGEN	0~15	Male 1/4"NPT (M4)	M12
801 OX 15 M4 M16	OXYGEN	0~15	Male 1/4"NPT (M4)	M16
801 OX 15 FG3/8 G3/8	OXYGEN	0~15	Female G3/8" (G3/8)	Male G3/8"
801 OX 10 M4 9/16	OXYGEN	0~10	Male 1/4"NPT (M4)	Male 9/16"
801 OX 10 M4 G1/4	OXYGEN	0~10	Male 1/4"NPT (M4)	G1/4"
801 OX 10 M4 G3/8	OXYGEN	0~10	Male 1/4"NPT (M4)	Male G3/8"
801 OX 10 M4 M12	OXYGEN	0~10	Male 1/4"NPT (M4)	M12
801 OX 10 M4 M16	OXYGEN	0~10	Male 1/4"NPT (M4)	M16
801 OX 10 FG3/8 G3/8	OXYGEN	0~10	Female G3/8" (G3/8)	Male G3/8"
801 AI 15 M4 9/16	MEDICAL AIR	0~15	Option	Option
801 AI 15 M4 9/16	MEDICAL AIR	0~10	Option	Option
801 CO 15 M4 9/16	CO2	0~15	Option	Option
801 N2 15 M4 9/16	N2O	0~15	Option	Option
801 HE 15 M4 9/16	MEDICAL HELIUM	0~15	Option	Option

802 Series

Tube Type/ Medical Flowmeters with Quick-Connect Adaptors



HOW TO ORDER.

802 A B C D E SET

(A) Outlook Identification

- Horizontal (180°) Inlet & Flow Control Value
- V_ Vertical (90°) Inlet & Flow Control Value
- _P Including Power Take-off (PAGE 57)

(B) Gas Type

- | | |
|----------------|-----------|
| OX Oxygen | CO CO2 |
| AI Medical Air | HE Helium |
| N2 N2O | |

(C) Click Flowmeter Type (in max. LPM)

- | | |
|----|----|
| 15 | 03 |
| 08 | 01 |

(D) Wall Connection

- | | | |
|--------------------------------|---------------------------|--------------------------------|
| AH Australian Handtight | EB Elbow with Barb | MM Medstar Male |
| AM AGA Male | F2 1/8" FNPT | NF NIST Female |
| BB Bubble Barb | F4 1/4" FNPT | OM Ohmeda Male |
| BP British Probe | FM French Male | PM Puritan Bennett Male |
| CM Chemetron Male | GM German Male | SM Shrader Male |
| DH DISS Handtight | JM Japanese Male | XM Oxequip Male |
| DM DISS Male | M2 1/8" MNPT | |
| DN DISS Nut & Nipple | M4 1/4" MNPT | |

(E) Outlet Connection

- | | |
|------------------------|-----------------------------|
| 9/16 Male 9/16" | M12 Male M12 |
| G3/8 Male G3/8" | M16 Male M16 |
| G1/4 Male G1/4" | TN Nipple Connection |

(SET) Set Identification (PAGE 57)

SET mean the whole set including the combination of accessories (Swivel 4~6 bard connector, humidifier, mask, ...)

805 Series

Tube Type / Medical Single Flowmeters with Quick-Connect Adaptor



FEATURES.

- Chrome-plated brass body construction for HIGH durability with color green coded.
- Other colors are also available.
- Precision engineered pressure compensated design accurately measures from 0~3LPM, 0~8LPM or 0~15LPM.
- Polycarbonate inner and outer tubes with relief valve provide greater durability & safety.
- Calibrated at 4 bar (58psi or 400kPa) , 50psi (3.5kg/cm²) are also available.
- Flow accuracy +/- 10% of the indicated value or 0.5LPM. (In accordance with ISO 15002:2008.)
- Metal outlet flow control valve vertical (90°) or horizontal (180°) to inlet connection are available.
- Sintered filter for additional safety and longer life.
- Standard male DISS (Nebuliser) outlet thread. Other outlet thread sizes are available.
- USA Full lines connections and international standard inlet are also available.



806 Series

Tube Type / Medical Single Flowmeters with Quick-Connect Adaptor



HOW TO ORDER.

806 A B C D E SET

(A) Outlook Identification

- Horizontal (180°) Inlet & Flow Control Value
- V_ Vertical (90°) Inlet & Flow Control Value
- _P Including Power Take-off (PAGE 57)

(B) Gas Type

- | | |
|---------------------|--------------------|
| OX Oxygen | CO CO ₂ |
| AI Medical Air | HE Helium |
| N2 N ₂ O | |

(C) Click Flowmeter Type (in max. LPM)

- | | |
|----|----|
| 15 | 03 |
| 08 | 01 |

(D) Wall Connection

- | | | |
|--------------------------------|---------------------------|--------------------------------|
| AH Australian Handtight | EB Elbow with Barb | MM Medstar Male |
| AM AGA Male | F2 1/8" FNPT | NF NIST Female |
| BB Bubble Barb | F4 1/4" FNPT | OM Ohmeda Male |
| BP British Probe | FM French Male | PM Puritan Bennett Male |
| CM Chemetron Male | GM German Male | SM Shrader Male |
| DH DISS Handtight | JM Japanese Male | XM Oxequip Male |
| DM DISS Male | M2 1/8" MNPT | |
| DN DISS Nut & Nipple | M4 1/4" MNPT | |

(E) Outlet Connection

- | | |
|-----------------|----------------------|
| 9/16 Male 9/16" | M12 Male M12 |
| G3/8 Male G3/8" | M16 Male M16 |
| G1/4 Male G1/4" | TN Nipple Connection |

(SET) Set Identification (PAGE 57)

SET mean the whole set including the combination of accessories (Swivel 4~6 bard connector, humidifier, mask, ...)

808 Series

Tube Type/ Medical Flowmeters with Quick-Connect Adaptor



FEATURES.

- Chrome-plated brass body construction for HIGH durability with color green coded.
- Other colors are also available.
- Precision engineered pressure compensated design accurately measures from 0~3LPM, 0~8LPM or 0~15LPM.
- Polycarbonate inner and outer tubes with relief valve provide greater durability & safety.
- Calibrated at 4 bar (58psi or 400kPa) , 50psi (3.5kg/cm²) are also available.
- Flow accuracy +/- 10% of the indicated value or 0.5LPM. (In accordance with ISO 15002:2008.)
- Metal outlet flow control valve vertical (90°) or horizontal (180°) to inlet connection are available.
- Sintered filter for additional safety and longer life.
- Standard male DISS (Nebuliser) outlet thread. Other outlet thread sizes are available.
- USA Full lines connections and international standard inlet are also available.

HOW TO ORDER.

808 A B C D E SET

(A) Outlook Identification

- Horizontal (180°) Inlet & Flow Control Value
- V_ Vertical (90°) Inlet & Flow Control Value
- _P Including Power Take-off (PAGE 57)

(B) Gas Type

- | | |
|---------------------|--------------------|
| OX Oxygen | CO CO ₂ |
| AI Medical Air | HE Helium |
| N2 N ₂ O | |

(C) Click Flowmeter Type (in max. LPM)

- | | |
|----|----|
| 15 | 03 |
| 08 | 01 |

(E) Outlet Connection

- | | |
|-----------------|----------------------|
| 9/16 Male 9/16" | M12 Male M12 |
| G3/8 Male G3/8" | M16 Male M16 |
| G1/4 Male G1/4" | TN Nipple Connection |

(SET) Set Identification (PAGE 57)

SET mean the whole set including the combination of accessories (Swivel 4~6 bard connector, humidifier, mask, ...)

822 Series

Tube Type/ Medical Double Flowmeters with Quick-Connect Adaptor



FEATURES.

- Double flowmeters type
- Chrome-plated brass body construction for durability
- Precision engineered pressure un-compensated design accurately measures from 0~10 LPM or 0~15LPM
- Polycarbonate inner and outer tubes provide greater accuracy, durability & safety
- Calibrated at 4 bar(58psi), 50psi (3.5kg/cm²) or at 22psi (1.5kg/cm²) inlet pressure
- Metal Outlet flow control valve vertical (90°) or horizontal (180°) to inlet connection are available
- Sintered filter for additional safety and longer life
- USA Full lines connections and international standard Inlet and outlet thread sizes are available

(D) Wall Connection

- | | | |
|--------------------------------|---------------------------|--------------------------------|
| AH Australian Handtight | EB Elbow with Barb | MM Medstar Male |
| AM AGA Male | F2 1/8" FNPT | NF NIST Female |
| BB Bubble Barb | F4 1/4" FNPT | OM Ohmeda Male |
| BP British Probe | FM French Male | PM Puritan Bennett Male |
| CM Chemetron Male | GM German Male | SM Shrader Male |
| DH DISS Handtight | JM Japanese Male | XM Oxequip Male |
| DM DISS Male | M2 1/8" MNPT | |
| DN DISS Nut & Nipple | M4 1/4" MNPT | |

825 Series

Tube Type/ Medical Double Flowmeters with Quick-Connect Adaptor



FEATURES.

- Double flowmeters type.
- Chrome-plated brass body construction for HIGH durability with color green coded. Other colors are also available.
- Precision engineered pressure compensated design accurately measures from 0~3LPM 0~8LPM or 0~15LPM.
- Polycarbonate inner and outer tubes with relief valve provide greater durability & safety.
- Calibrated at 4 bar (58psi or 400kPa), 50psi (3.5kg/cm?) are also available.
- Flow accuracy +/- 10% of the indicated value or 0.5LPM. (In accordance with ISO 15002:2008).
- Metal outlet flow control valve vertical (90°) or horizontal (180°) to inlet connection are available.
- Sintered filter for additional safety and longer life.
- Standard male DISS (Nebuliser) outlet thread. Other outlet thread sizes are available.
- USA full lines connections and international standard inlet are also available.

HOW TO ORDER.

825 A B C D E SET

A Outlook Identification

- Horizontal (180°) Inlet & Flow Control Value
- V_ Vertical (90°) Inlet & Flow Control Value
- _P Including Power Take-off (PAGE 57)

B Gas Type

- | | |
|----------------------------|---------------------------|
| OX Oxygen | CO CO ₂ |
| AI Medical Air | HE Helium |
| N2 N ₂ O | |

C Click Flowmeter Type (in max. LPM)

- | | |
|-----------|-----------|
| 15 | 03 |
| 08 | 01 |

E Outlet Connection

- | | |
|------------------------|-----------------------------|
| 9/16 Male 9/16" | M12 Male M12 |
| G3/8 Male G3/8" | M16 Male M16 |
| G1/4 Male G1/4" | TN Nipple Connection |

SET Set Identification (PAGE 57)

SET mean the whole set including the combination of accessories (Swivel 4~6 bard connector, humidifier, mask, ...)

826 Series

Tube Type/ Medical Double Flowmeters with Quick-Connect Adaptor



FEATURES.

- Double flowmeters type.
- Aluminum body construction for compact and with color green coded. Other colors are also available.
- Precision engineered pressure compensated design accurately measures from 0~3 LPM, 0~8LPM or 0~15LPM.
- Polycarbonate inner and outer tubes with relief valve provide greater durability & safety.
- Calibrated at 4 bar(58psi or 400kPa), 50psi (3.5kg/cm?) are also available.
- Flow accuracy +/- 10% of the indicated value or 0.5LPM.
- Metal outlet flow control valve vertical (90°) or horizontal (180°) to inlet connection are available.
- Sintered filter for additional safety and longer life.
- Standard male DISS (Nebuliser) outlet thread. Other outlet thread sizes are available.
- USA full lines connections and international standard inlet are also available.

D Wall Connection

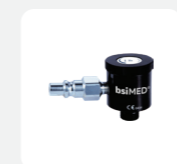
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|--------------------------------|---------------------------|--------------------------------|
| AH Australian Handtight | EB Elbow with Barb | MM Medstar Male |
| AM AGA Male | F2 1/8" FNPT | NF NIST Female |
| BB Bubble Barb | F4 1/4" FNPT | OM Ohmeda Male |
| BP British Probe | FM French Male | PM Puritan Bennett Male |
| CM Chemetron Male | GM German Male | SM Shrader Male |
| DH DISS Handtight | JM Japanese Male | XM Oxequip Male |
| DM DISS Male | M2 1/8" MNPT | |
| DN DISS Nut & Nipple | M4 1/4" MNPT | |

MFC

Click Style Flowmeters



MFC Click Style Flowmeters



MFC803 Series

Click Type / Medical flowmeter for regulators with Quick-Connect Adaptors

66



MFC823 Series

Click Type / Medical double flowmeter for regulators with Quick-Connect Adaptors

67

MFC803 Series

Click Type / Medical flowmeter for regulators with Quick-Connect Adaptors



MFC823 Series

Click Type / Medical double flowmeter for regulators with Quick-Connect Adaptors



FEATURES.

- Click type (Dial style) / single flowmeter.
- Precision engineered accurately measures from 0~4LPM, 0~8LPM, 0~15LPM 0~25LPM.
- Calibrated at 4 bar (60psi) inlet or calibrated at 3.5 bar (50psi) inlet also available.
- Optional power take-off units provide 4 bar (60psi) or 3.5 bar (50psi) additional outlet pressure.
- USA full lines inlet connections and international standard inlet and outlet thread sizes are available.
- CE0434, FDA & GMP approved.

HOW TO ORDER.

MFC803 A B C D E SET

A Outlook Identification

- Horizontal (180°) Inlet & Flow Control Value
- V_ Vertical (90°) Inlet & Flow Control Value
- _P Including Power Take-off (PAGE 57)

B Gas Type

- | | |
|----------------------------|---------------------------|
| OX Oxygen | CO CO ₂ |
| AI Medical Air | HE Helium |
| N2 N ₂ O | |

C Click Flowmeter Type (in max. LPM)

- | | |
|-----------|-----------|
| 15 | 03 |
| 08 | 01 |

E Outlet Connection

- | | |
|------------------------|-----------------------------|
| 9/16 Male 9/16" | M12 Male M12 |
| G3/8 Male G3/8" | M16 Male M16 |
| G1/4 Male G1/4" | TN Nipple Connection |

SET Set Identification (PAGE 57)

SET mean the whole set including the combination of accessories (Swivel 4~6 bard connector, humidifier, mask, ...)

FEATURES.

- Click type (Dial style) / two flowmeters.
- Precision engineered accurately measures from 0~4LPM, 0~8LPM, 0~15LPM 0~25LPM.
- Calibrated at 4 bar (60psi) inlet or calibrated at 3.5 bar (50psi) inlet also available.
- Optional power take-off units provide 4 bar (60psi) or 3.5 bar (50psi) additional outlet pressure.
- USA full lines inlet connections and international standard inlet and outlet thread sizes are available.
- CE0434, FDA & GMP approved.

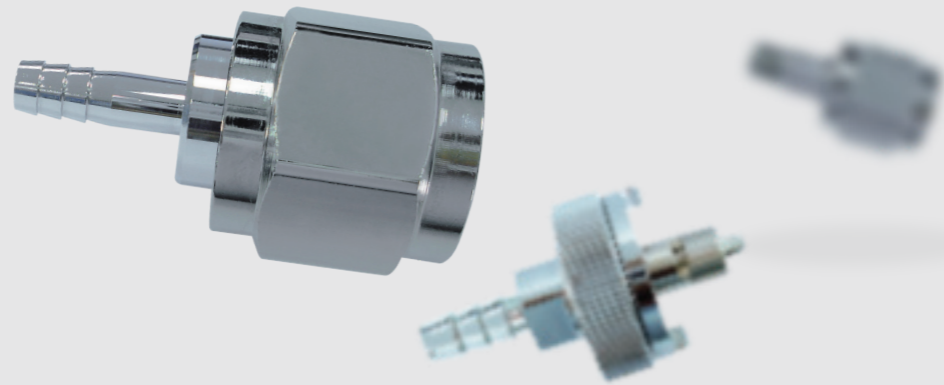
MFC823 A B C D E SET

D Wall Connection

- | | | |
|--------------------------------|---------------------------|--------------------------------|
| AH Australian Handtight | EB Elbow with Barb | MM Medstar Male |
| AM AGA Male | F2 1/8" FNPT | NF NIST Female |
| BB Bubble Barb | F4 1/4" FNPT | OM Ohmeda Male |
| BP British Probe | FM French Male | PM Puritan Bennett Male |
| CM Chemetron Male | GM German Male | SM Shrader Male |
| DH DISS Handtight | JM Japanese Male | XM Oxequip Male |
| DM DISS Male | M2 1/8" MNPT | |
| DN DISS Nut & Nipple | M4 1/4" MNPT | |



IOF Medical Fittings



IOF Medical Fittings

HOW TO ORDER.

IOF [Ⓐ] [Ⓑ] [Ⓒ]

Ⓐ Medical Fitting Type

AU	Australian	GS	Germany
BS	British Probe	JA	Japanese
CH	Chemetron	MS	Medsta
DH	DISS Hangtight	XQ	Oxequip
DM	DISS Male	OH	Ohmeda
DN	DISS Nut & Nipple	PB	Puritan Bennett
FR	French	SH	Schrader

Ⓑ Gas Type

OX	Oxygen
AI	Medical Air
VA	Vacuum
N2	Nitrous Oxide
CO	CO ₂
WA	WAGD

Ⓒ Inlet Connection

DH	DISS Handtight
DN	DISS Hex Nut
M2	1/8" MNPT
F2	1/8" FNPT
M4	1/4" MNPT
TN1/4	1/4" Hose Barb
TN5/16	5/16" Hose Barb

MEDICAL COLOR CODE

USA Standard

■	Oxygen
■	Medical Air
■	Vacuum / Suction
■	Nitrous Oxide
■	Nitrogen
■	Helium
■	Carbon Dioxide

ISO Standard

■	GRN	Green
■	YLW	Yellow
■	WHI	White
■	BLU	Blue
■	BLK	Black
■	BRN	Brown
■	GRY	Gray







Standard Color is USA Standard, for other types of ISO color, please contact with us.

NOTE:

Puritan Bennett not available in CO₂. Schrader not available in CO₂ and WAGD. Medstar not available in CO₂ and WAG
Oxequip not available in CO₂ and WAGD.

IOF Series

SPECIFICATIONS.

Model	bsiMED Model No.	Gas	Connection
	IOF OH OX M2	Oxygen	1/8" NPT Male
	IOF OH AI M2	Medical Air	1/8" NPT Male
	IOF OH VA M2	Vacuum	1/8" NPT Male
	IOF OH N2 M2	Nitrous Oxide	1/8" NPT Male
	IOF OH WA M2	WAGD	1/8" NPT Male
	IOF OH OX TN1/4	Oxygen	1/4" Hose Barb
	IOF OH AI TN1/4	Medical Air	1/4" Hose Barb
	IOF OH VA TN5/16	Vacuum	5/16" Hose Barb
	IOF OH N2 TN1/4	Nitrous Oxide	1/4" Hose Barb
	IOF OH WA TN5/16	WAGD	5/16" Hose Barb
	IOF DM OX M2	Oxygen	1/8" NPT Male
	IOF DM AI M2	Medical Air	1/8" NPT Male
	IOF DM VA M2	Vacuum	1/8" NPT Male
	IOF DM N2 M2	Nitrous Oxide	1/8" NPT Male
	IOF DM WA M2	WAGD	1/8" NPT Male
	IOF DM CO M2	Carbon Dioxide	1/8" NPT Male
	IOF DM NI M2	Nitrogen	1/8" NPT Male
	IOF DM OX TN1/4	Oxygen	1/4" Hose Barb
	IOF DM AI TN1/4	Medical Air	1/4" Hose Barb
	IOF DM VA TN5/16	Vacuum	5/16" Hose Barb
	IOF DM N2 TN1/4	Nitrous Oxide	1/4" Hose Barb
	IOF DM WA TN5/16	WAGD	5/16" Hose Barb
	IOF DM CO TN1/4	Carbon Dioxide	1/4" Hose Barb
	IOF DM NI TN1/4	Nitrogen	1/4" Hose Barb
	IOF DH OX M2	Oxygen	1/8" NPT Male
	IOF DH AI M2	Medical Air	1/8" NPT Male
	IOF DH VA M2	Vacuum	1/8" NPT Male
	IOF DH N2 M2	Nitrous Oxide	1/8" NPT Male
	IOF DH WA M2	WAGD	1/8" NPT Male
	IOF DH CO M2	Carbon Dioxide	1/8" NPT Male
	IOF DH NI M2	Nitrogen	1/8" NPT Male
	IOF DH OX TN1/4	Oxygen	1/4" Hose Barb
	IOF DH AI TN1/4	Medical Air	1/4" Hose Barb
	IOF DH VA TN5/16	Vacuum	5/16" Hose Barb
	IOF DH N2 TN1/4	Nitrous Oxide	1/4" Hose Barb
	IOF DH WA TN5/16	WAGD	5/16" Hose Barb
	IOF DH CO TN1/4	Carbon Dioxide	1/4" Hose Barb
	IOF DH NI TN1/4	Nitrogen	1/4" Hose Barb

Model	bsiMED Model No.	Gas	Connection
	IOF CH OX M2	Oxygen	1/8" NPT Male
	IOF CH AI M2	Medical Air	1/8" NPT Male
	IOF CH VA M2	Vacuum	1/8" NPT Male
	IOF CH N2 M2	Nitrous Oxide	1/8" NPT Male
	IOF CH WA M2	WAGD	1/8" NPT Male
	IOF CH OX TN1/4	Oxygen	1/4" Hose Barb
	IOF CH AI TN1/4	Medical Air	1/4" Hose Barb
	IOF CH VA TN5/16	Vacuum	5/16" Hose Barb
	IOF CH N2 TN1/4	Nitrous Oxide	1/4" Hose Barb
	IOF CH WA TN5/16	WAGD	5/16" Hose Barb
	IOF PB OX M2	Oxygen	1/8" NPT Male
	IOF PB AI M2	Medical Air	1/8" NPT Male
	IOF PB VA M2	Vacuum	1/8" NPT Male
	IOF PB N2 M2	Nitrous Oxide	1/8" NPT Male
	IOF PB WA M2	WAGD	1/8" NPT Male
	IOF PB OX TN1/4	Oxygen	1/4" Hose Barb
	IOF PB AI TN1/4	Medical Air	1/4" Hose Barb
	IOF PB VA TN5/16	Vacuum	5/16" Hose Barb
	IOF PB N2 TN1/4	Nitrous Oxide	1/4" Hose Barb
	IOF PB WA TN5/16	WAGD	5/16" Hose Barb
	IOF JA OX M2	Oxygen	1/8" NPT Male
	IOF JA AI M2	Medical Air	1/8" NPT Male
	IOF JA VA M2	Vacuum	1/8" NPT Male
	IOF JA N2 M2	Nitrous Oxide	1/8" NPT Male
	IOF JA OX TN1/4	Oxygen	1/4" Hose Barb
	IOF JA AI TN1/4	Medical Air	1/4" Hose Barb
	IOF JA VA TN5/16	Vacuum	5/16" Hose Barb
	IOF JA N2 TN1/4	Nitrous Oxide	1/4" Hose Barb
	IOF FR OX M2	Oxygen	1/8" NPT Male
	IOF FR AI M2	Medical Air	1/8" NPT Male
	IOF FR VA M2	Vacuum	1/8" NPT Male
	IOF FR N2 M2	Nitrous Oxide	1/8" NPT Male
	IOF FR OX TN1/4	Oxygen	1/4" Hose Barb
	IOF FR AI TN1/4	Medical Air	1/4" Hose Barb
	IOF FR VA TN5/16	Vacuum	5/16" Hose Barb
	IOF FR N2 TN1/4	Nitrous Oxide	1/4" Hose Barb

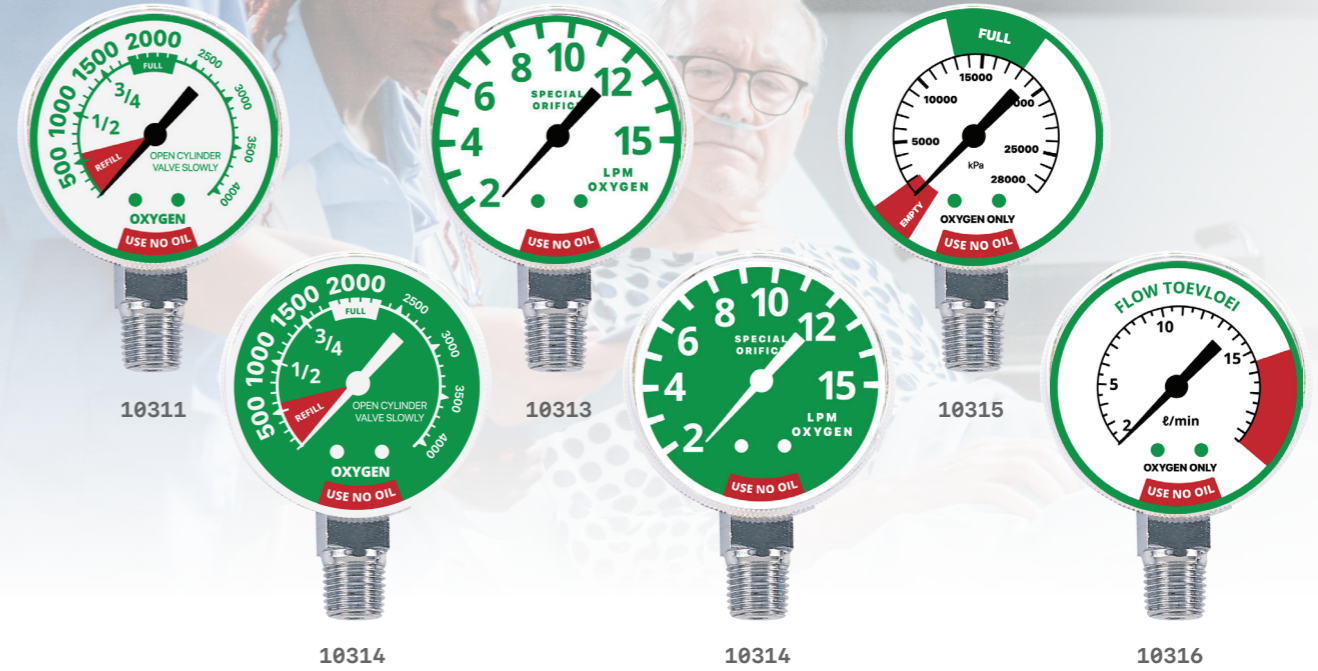
IOF Series

SPECIFICATIONS.

Model	bsiMED Model No.	Gas	Connection
 GS (DIN 13260-2)	I0F GS OX M2	Oxygen	1/8" NPT Male
	I0F GS AI M2	Medical Air	1/8" NPT Male
	I0F GS VA M2	Vacuum	1/8" NPT Male
	I0F GS N2 M2	Nitrous Oxide	1/8" NPT Male
	I0F GS CO M2	Carbon Dioxide	1/8" NPT Male
	I0F GS NI M2	Nitrogen	1/8" NPT Male
 GS (DIN 13260-2)	I0F GS OX TN1/4	Oxygen	1/4" Hose Barb
	I0F GS AI TN1/4	Medical Air	1/4" Hose Barb
	I0F GS VA TN5/16	Vacuum	5/16" Hose Barb
	I0F GS N2 TN1/4	Nitrous Oxide	1/4" Hose Barb
	I0F GS CO TN1/4	Carbon Dioxide	1/4" Hose Barb
	I0F GS NI TN1/4	Nitrogen	1/4" Hose Barb
 BS (BS 6582-1998)	I0F BS OX M2	Oxygen	1/8" NPT Male
	I0F BS AI M2	Medical Air	1/8" NPT Male
	I0F BS VA M2	Vacuum	1/8" NPT Male
 BS (BS 6582-1998)	I0F BS N2 M2	Nitrous Oxide	1/8" NPT Male
	I0F BS OX TN1/4	Oxygen	1/4" Hose Barb
	I0F BS AI TN1/4	Medical Air	1/4" Hose Barb
	I0F BS VA TN5/16	Vacuum	5/16" Hose Barb
	I0F BS N2 TN1/4	Nitrous Oxide	1/4" Hose Barb

103 Series

Pressure Gauges



FEATURES.

- Easy-to-read on or scale gauges with screw-on polycarbonate lens for durability.
- Tough steel case protected by oven backed corrosion resistant paint.
- Precision movement.

SPECIFICATIONS.

Model	Gas	LPM	m/m	Thread
10311	4000PSI	-	53	NPT 1/4"
10312	4000PSI	-	53	NPT 1/4"
10313	-	15	53	NPT 1/4"
10314	-	15	53	NPT 1/4"
10315	28000KPA	-	53	NPT 1/4"
10316	-	15	53	NPT 1/4"

SR AG Series

Analog Gauges

Model	m/m
SR AG 760(A) ML	Analog Gauge with lens 760mmHg
SR AG 300(A) ML	Analog Gauge with lens 300mmHg
SR AG 160(A) ML	Analog Gauge with lens 160mmHg



VT9000 Series

Vacuum Safety Trap Bottle



VT9003
DISS Handtight (Chromed Brass)



VT9002
DISS Handtight (Chromed Brass)



VT9003D
DISS Handtight (Aluminium)

FEATURES.

- Protects suction/ vacuum regulators and central vacuum systems from accidental contamination by liquid overflow from suction collection canisters.
- Unique design assures positive shut-off at low as well as line vacuum conditions.
- Features a shatter resistant polycarbonate bottle, lightweight cap assembly.
- Various configurations are available for attachment to vacuum regulator or central vacuum system.

BVT/ BSD Series

Suction Bottles & Liners



FEATURES.

- Compatible with existing vacuum equipment.
- Single or multiple set-ups high capacity without disconnection using multiple set-ups.
- Multiple system can save the time for replacing the bag, ensure the surgical operation won't be interrupted.

BOTTLE.

Model	Specification
BVT 200A R	2000ml PC with Green holder
BVT 200A W	2000ml PC with White holder
BVT 150A R	1500ml PC with Green holder
BVT 150A W	1500ml PC with White holder

LINER.

Model	Specification
BSD 200N	2000ml EVA without Value
BSD 200A	2000ml EVA without Value
BSD 150A	1500ml EVA without Value

HM Series

Humidifier



HM-003 Humidifier

- + Polyethylene container of 200ml capacity.
- + Head in polycarbonate for durability.
- + 9/16"×18N thread. Other thread sizes available.
- + With 2PSI safety valve.
- + Blue color
- + Resuse.

HM-005 Humidifier

- + Polyethylene container of 200ml capacity.
- + Head in polycarbonate for durability.
- + 9/16"×18N thread. Other thread sizes available.
- + With 2PSI safety valve.
- + Green color
- + Resuse.



HM-006 Humidifier

- + Polyethylene container of 150ml capacity.
- + Head in polycarbonate for durability.
- + 9/16"×18N thread. Other thread sizes available.
- + Resuse.

HM-007 Dry Bubble Humidifier Small

- + Dry Bubble humidifier equipped with 2PSI safety valve, and standard DISS (9/16") thread connector for flow meter.
- + Container's volume:200ml.
- + Disposable.



HM-008 Dry Bubble Humidifier

- + Dry Bubble humidifier equipped with 4PSI safety valve, and standard DISS (9/16") thread connector for flow meter.
- + Container's volume:500ml.
- + Disposable.

HM Series



HM-029 OXYGEN Mask

- + Simple oxygen mask for adult.
- + Medium concentration with 7" tubing elastic strap,adjustable nose clip.
- + PVC Material.
- + CE 0434.



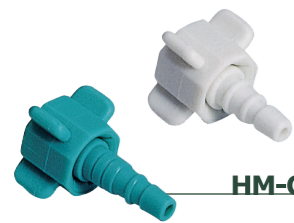
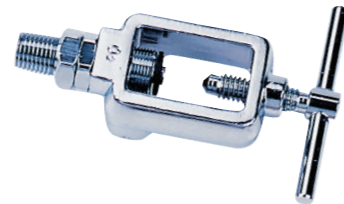
HM-017 Disposable Connula

- + Simple oxygen "Connula" tube for nose use.
- + Medium concentration with 7" tubing.
- + Material:polypropylene,polyethylene,polyvinylchloride.
- + CE 0434.

YK-801 YOKE

- + Made of fogged brass,fully chromed,1/4"NPT inlet thread.

Model	Gas
YK-801	OXYGEN
YK-802	AIR
YK-803	NITROUS OXIDE
YK-804	CARBON DIOXIDE



HM-CG , HM-CW Flow Meter Connector

- + DISS(9/16") thread for follow meter and swivel 4-6 barb style connector for tubing.
- + Material:Nylon
- + Disposable.