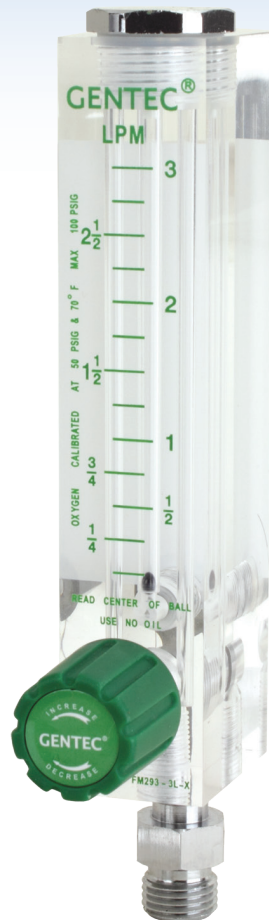




SUCTION REGULATORS, FLOWMETERS & ACCESSORIES

The World's First Antimicrobial and Environmentally Friendly
Suction Regulators and Flowmeters



Genstar Technologies Co., Inc.
4525 Edison Avenue
Chino, CA 91710

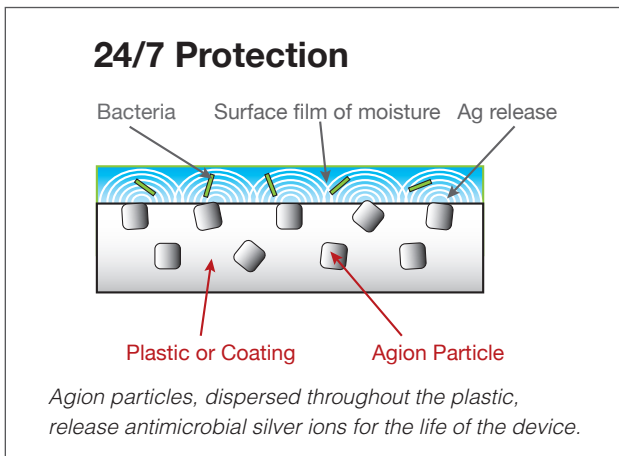
We reserve the right to correct any errors that may occur within this brochure.
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Technologies, Inc. Cradle To Cradle Certified^{CM} is a certification of McDonough
Braungart Design Chemistry (MBDC).

Suction Regulators and Flowmeters now contain Agion® - Nature's Antimicrobial

The rotary knobs and selector switches of Gentec® suction regulators and flowmeters are made with Agion®, a non-synthetic additive with a non-volatile, naturally occurring silver base.

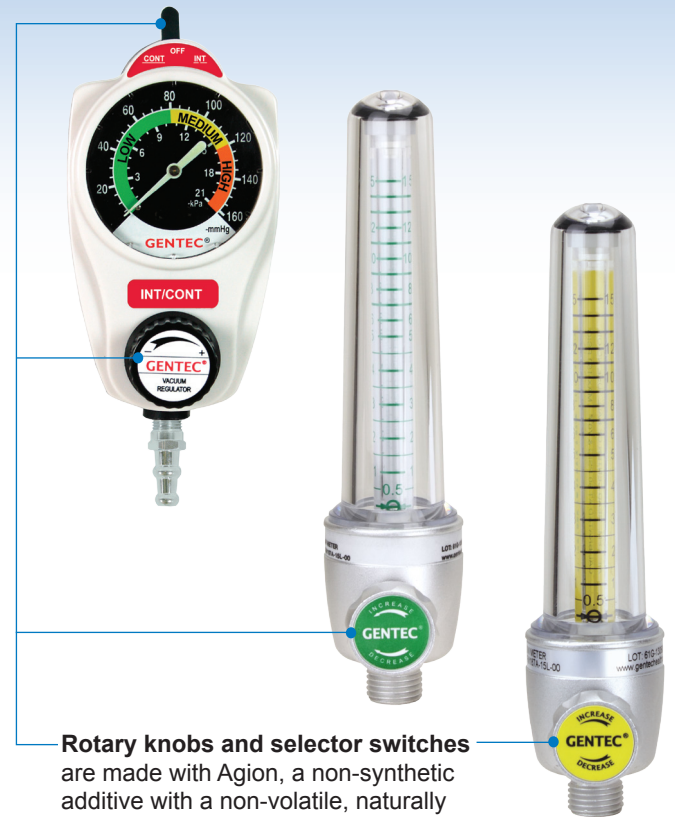
Antimicrobial** Attributes

- Continually inhibits the growth of bacteria, mold, mildew and fungi on the rotary knobs and selector switches - for the life of the device



Environmentally Friendly Agion Additive

- Cradle To Cradle Certified^{CM} at the silver level by McDonough Braungart Design Chemistry (MBDC), meeting standards for human safety, environmental safety and recyclability
- Recognized by Leadership in Energy and Environmental Design (LEED) as contributing to green initiatives
- Agion is registered with a broad range of regulatory agencies, including the EPA, FDA, NSF, Health Canada, European BPD, Swiss and EFSA.



Rotary knobs and selector switches are made with Agion, a non-synthetic additive with a non-volatile, naturally occurring silver base.

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*Agion silver antimicrobial additive is EPA registered, and has been certified for its material content, recyclability and manufacturing characteristics. Cradle To Cradle Certified^{CM} products meet established standards for human safety, environmental safety and recyclability.

**This product does not protect users or others against disease-causing bacteria.

Gentec Suction Regulators

- Antimicrobial and environmentally friendly additive in the rotary knobs and selector switches*
- Extremely durable, with a full 10-year manufacturer's warranty
- Continuous-only and continuous/intermittent designs
- Available with a variety of inlet and outlet fittings and suction trap assemblies

User-friendly mode selector

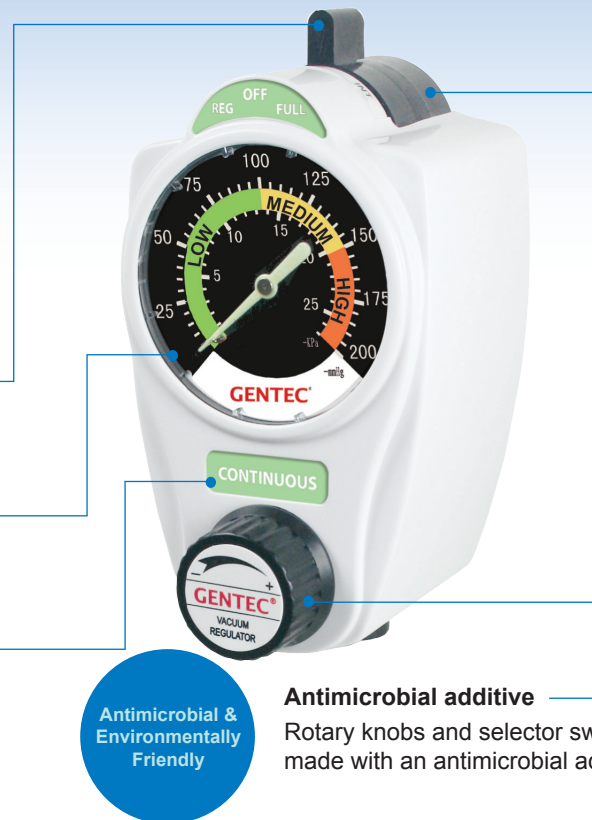
Large user-friendly mode selector switch and a 1.25" (3.2 cm) diameter adjustment knob

Large diameter gauge and Easy-to-read numbers

Large 2.5" (6.4 cm) diameter gauge with glow-in-the-dark scale and arrow

Color-coded

Color-coded to help facilities manage inventory and allocation across different departments



Antimicrobial additive

Rotary knobs and selector switches are made with an antimicrobial additive*



Continuous/Intermittent (881 series)

- Available with ranges of 0-160 mmHg, 200 mmHg and 0-300 mmHg
- Settings include continuous, off and intermittent
- Factory default settings for on/off cycles are 16 seconds (± 2) off; on/off settings can be adjusted without opening the case (controls are not accessible without tools)



Continuous Only (882 series)

- Available with ranges of 0-160 mmHg, 200 mmHg, 0-300 mmHg and 0-760 mmHg
- Settings include regulated, off and full

*This product does not protect users or others against disease-causing bacteria.

ORDERING MATRIX

Instructions: Select the suction regulator, adapter, fitting, and color (if needed), then write the model number below.

STEPS:	1 Suction Regulator	2 Adapter	3 Fitting	4 Color (Optional)	Model Number
Example:	881VR-160	- OH	- T	- YL =	881VR-160-OH-T-YL
Please Write Your Selection:	_____	+ _____	+ _____	+ _____ =	_____

1 SUCTION REGULATORS



881VR-160D **881VR-160**
Continuous / Intermittent 0-160



882VR-300 **881VR-200**
Continuous / Intermittent 0-300 Continuous / Intermittent 0-200



881VR-300D **881VR-300**
Continuous / Intermittent 0-300



882VR-300D **882VR-300**
Continuous Only 0-300



882VR-760D **882VR-760**
Continuous Only 0-760

2 ADAPTERS



1/8" NPT Female

00



Chemetron Adapter
3103-VAC-NT2

CH



Ohio Adapter
3111U-VAC-NT2

OH



DISS Hand-Tight Adapter
3222U-VAC-NT2

DH



Puritan-Bennett Adapter
3104-VAC-NT2

PB



DISS Nut-Nipple Adapter
3102-VAC-NT2

DS



Oxequip Twist Adapter
3311-VAC-NT2

OQ



Oxequip Medstar Adapter
3301-VAC-NT2

OE

3 FITTINGS



1/8" NPT Female

A



Hose Barb
880VR-304

D



Trap Fitting
881VR-14K

B



DISS Male
880VR-1/8 NTP

C



Complete Suction Trap w/ Trap Fitting
880VT-5

T



Complete Suction Trap
w/ DISS
880VT-6

TD



Complete Suction Trap
w/ DISS Hand-Tight
880VT-7

TH

4 COLORS (OPTIONAL)

Blank (White)

YL (Yellow)

BL (Blue)

RD (Red)

PL (Purple)

PC (Peach)

PK (Pink)

GY (Gray)

GN (Green)

BB (Baby Blue)

ACCESSORIES



Suction Trap
w/ No Fitting on Top
880VT-0



Suction Trap
w/ Male Trap Fitting Only
880VT-1



Suction Trap
w/ DISS Female Nut & Nipple
880VT-2



Suction Trap
w/ DISS Female Hand-Tight
880VT-3



Suction Trap
w/ Tubing Nipple
880VT-4



Vacuum Adapter
DISS to Hose Barb
DISSM-V-HCHK



Extension Adapter
2-1/2" Long
EXTADPT-1/8



Security Cable
FMS-2

Gentec Flowmeters

- Extremely durable, with a full 5-year manufacturer's warranty
- Needle valves for maximum flow control precision
- For both oxygen and medical air
- Thoroughly tested for accuracy

Antimicrobial & Environmentally Friendly

Choose your material

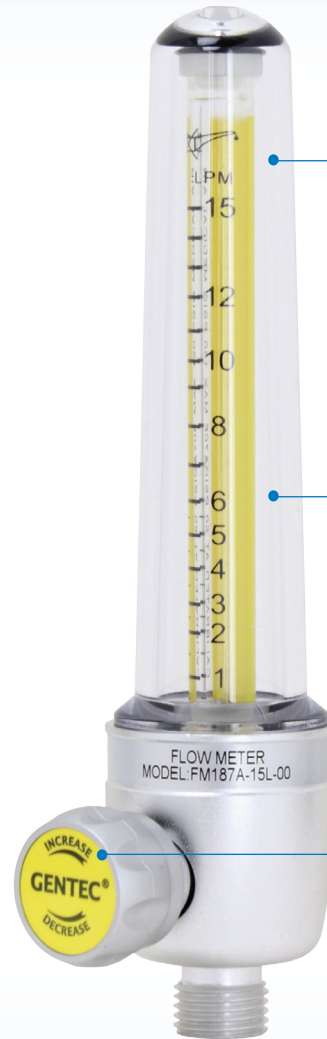
Available in either nickel plated, solid brass or aluminum

Stainless steel ball float



Color-coded

Green color-coding indicates oxygen (Available in ISO colors)



Durable polycarbonate

Hood and metering tube are made out of durable polycarbonate















Back-pressure

All flowmeters are back-pressure compensated

Color-coded

Yellow color-coding indicates air (Available in ISO colors)

FLOWMETER ORDERING INFORMATION

Flowmeter Type Adapter	 Air Flowmeter 0-15 LPM	 Air Flowmeter w/ Power Take-off	 Air Dual Flowmeter 0-15 LPM	 Oxygen Flowmeter 0-15 LPM	 Oxygen w/ Power Take- off	 Oxygen Dual Flowmeter 0-15 LPM
 No Adapter <i>Standard Inlet 1/8" NPT Female</i>	FM187B-15L-00	FM187B-15L-00-P	FMD187B-15L-00	FM197B-15L-00	FM197B-15L-00-P	FMD197B-15L-00
 OHMEDA Adapter	FM187B-15L-OH	FM187B-15L-OH-P	FMD187B-15L-OH	FM197B-15L-OH	FM197B-15L-OH-P	FMD197B-15L-OH
 CHEMETRON Adapter	FM187B-15L-CH	FM187B-15L-CH-P	FMD187B-15L-CH	FM197B-15L-CH	FM197B-15L-CH-P	FMD197B-15L-CH
 DISS Hand-Tight Nut & Nipple Adapter	FM187B-15L-DH	FM187B-15L-DH-P	FMD187B-15L-DH	FM197B-15L-DH	FM197B-15L-DH-P	FMD197B-15L-DH
 Diss Nut & Nipple Adapter	FM187B-15L-DS	FM187B-15L-DS-P	FMD187B-15L-DS	FM197B-15L-DS	FM197B-15L-DS-P	FMD197B-15L-DS
 Puritan-Bennett Adapter	FM187B-15L-PB	FM187B-15L-PB-P	FMD187B-15L-PB	FM197B-15L-PB	FM197B-15L-PB-P	FMD197B-15L-PB
 Oxequip Medstar Adapter	FM187B-15L-OE	FM187B-15L-OE-P	FMD187B-15L-OE	FM197B-15L-OE	FM197B-15L-OE-P	FMD197B-15L-OE
 Oxequip Twist Adapter	FM187B-15L-OQ	FM187B-15L-OQ-P	FMD187B-15L-OQ	FM197B-15L-OQ	FM197B-15L-OQ-P	FMD197B-15L-OQ

OPTIONS:

- For aluminum flowmeter, change the B to an A
(example: FM197B-15L-OH to FM197A-15L-OH)
- For dual flowmeter with 2 power take-offs, add -2P
(example: FMD197B-15L-OH-2P)
- For ISO flowmeters add an E
(example: FM197A-15L-OHE)

SPECIFICATIONS:

Weight (no adapter)	Aluminum Body: 4.24 oz/122 gm Brass Body: 6.64 oz/188 gm
Increment:	0-6 LPM in ½ LPM increment 6-15 LPM in 1 LPM Increment
Flush Flow Rate:	65 LPM (depending on supply flow)
Max Inlet Pressure:	100 psig
PTO Flow Rate:	Over 100 LPM (depending on supply flow)

COUPLER ASSEMBLIES



OHMEDA	
OXYGEN	Y-OXY-CPLR-OH
MEDICAL AIR	Y-AIR-CPLR-OH
VACUUM	Y-VAC-CPLR-OH
N₂O	Y-N ₂ O-CPLR-OH
WAGD	Y-WAG-CPLR-OH
CO₂	Y-CO ₂ -CPLR-OH
NITROGEN	N/A
INSTRUMENT AIR	N/A



CHEMETRON	
OXYGEN	Y-OXY-CPLR-CH
MEDICAL AIR	Y-AIR-CPLR-CH
VACUUM	Y-VAC-CPLR-CH
N₂O	Y-N ₂ O-CPLR-CH
WAGD	Y-WAG-CPLR-CH
CO₂	Y-CO ₂ -CPLR-CH
NITROGEN	N/A
INSTRUMENT AIR	N/A



DISS	
OXYGEN	Y-OXY-CHK-DH
MEDICAL AIR	Y-AIR-CHK-DH
VACUUM	Y-VAC-CHK-DH
N₂O	Y-N ₂ O-CHK-DH
WAGD	Y-WAG-CHK-DH
CO₂	Y-CO ₂ -CHK-DH
NITROGEN	Y-NIT-CHK-DH
INSTRUMENT AIR	N/A

Gentec Neonatal, Perinatal and Specialty Flowmeters

- For both oxygen and medical air with accuracy and performance
- Acrylic block provides a strong and superior-looking flow tube
- Precise flow control
- 5-Year warranty

Designed and manufactured to meet the highest standards of performance and accuracy for the applications of critical care on both neonate and adult patients.



FEATURES

- Available for oxygen and air with accuracy and performance
- Acrylic block provides a strong and superior-looking flow tube
- 200cc and 1LPM model are designed for perinatal and neonatal applications where extreme accuracy under very low flow is required
- Precise flow control
- Maximum Inlet Pressure: 100PSI
- Inlet Connection: See table below (Models for additional inlet connections are available)
- Outlet: DISS Male (9/16"-18UNF)
- Calibrated at 50PSI
- 5-Year warranty (see warranty statement for details)



Inlet Fitting (Back Fitting)	Maximum Flow Rate Scale / Gas Service						
	200CC OXYGEN	1 LPM OXYGEN	3 LPM OXYGEN	16 LPM OXYGEN	75 LPM OXYGEN	16 LPM AIR	75 LPM AIR
1/8NPTF	FM293-200CC-X	FM293-1L-X	FM293-3L-X	FM293-16L-X	FM293-75L-X	FM293-16L-Q	FM293-75L-Q
CHEMETRON	FM293-200CC-X-CH	FM293-1L-X-CH	FM293-3L-X-CH	FM293-16L-X-CH	FM293-75L-X-CH	FM293-16L-Q-CH	FM293-75L-Q-CH
DISS HEX	FM293-200CC-X-DS	FM293-1L-X-DS	FM293-3L-X-DS	FM293-16L-X-DS	FM293-75L-X-DS	FM293-16L-Q-DS	FM293-75L-Q-DS
DISS HANDTIGHT	FM293-200CC-X-DH	FM293-1L-X-DH	FM293-3L-X-DH	FM293-16L-X-DH	FM293-75L-X-DH	FM293-16L-Q-DH	FM293-75L-Q-DH
OHMEDA	FM293-200CC-X-OH	FM293-1L-X-OH	FM293-3L-X-OH	FM293-16L-X-OH	FM293-75L-X-OH	FM293-16L-Q-OH	FM293-75L-Q-OH
PURITAN- BENNETT	FM293-200CC-X-PB	FM293-1L-X-PB	FM293-3L-X-PB	FM293-16L-X-PB	FM293-75L-X-PB	FM293-16L-Q-PB	FM293-75L-Q-PB
OXEQUIP MEDSTAR	FM293-200CC-X-OE	FM293-1L-X-OE	FM293-3L-X-OE	FM293-16L-X-OE	FM293-75L-X-OE	FM293-16L-Q-OE	FM293-75L-Q-OE

	200CC OXYGEN	1 LPM OXYGEN	3 LPM OXYGEN	16 LPM OXYGEN	75 LPM OXYGEN	16 LPM AIR	75 LPM AIR
Accuracy	±10 cc from 25-100 cc ±15 cc from 100-200 cc	±0.05 lpm	±0.15 lpm from 1/4 to 2 lpm ±0.25 lpm above 2 to 3 lpm	±0.25 lpm from 1/2 to 4 lpm ±0.5 lpm above 6 to 15	5 lpm (starts at 5 lpm)	±0.25 lpm from 1/2 to 4 lpm ±0.5 lpm above 6 to 15	5 lpm (starts at 5 lpm)
Flush Flow	500cc	5-10 lpm	20-50 lpm	60-90 lpm	70-100 lpm	60-90 lpm	70-100 lpm