



HEALTHCARE

UK Catalogue

GCE[®]
MEDICAL

GCE[®]
Healthcare

Ohio Medical


THERAPY EQUIPMENT

AMVEX

HIGH PRESSURE REGULATORS



MEDISELECT® II

Mediselect® II is a high pressure medical gas regulator with a quick connector and flow selector. Mediselect® II is designed with a continuous flow mechanism between flow settings, which allows patients to receive gas therapy in the unlikely event of device failure.

**FREE OF
PREVENTIVE
MAINTENANCE**

FEATURES / ADVANTAGES / BENEFITS

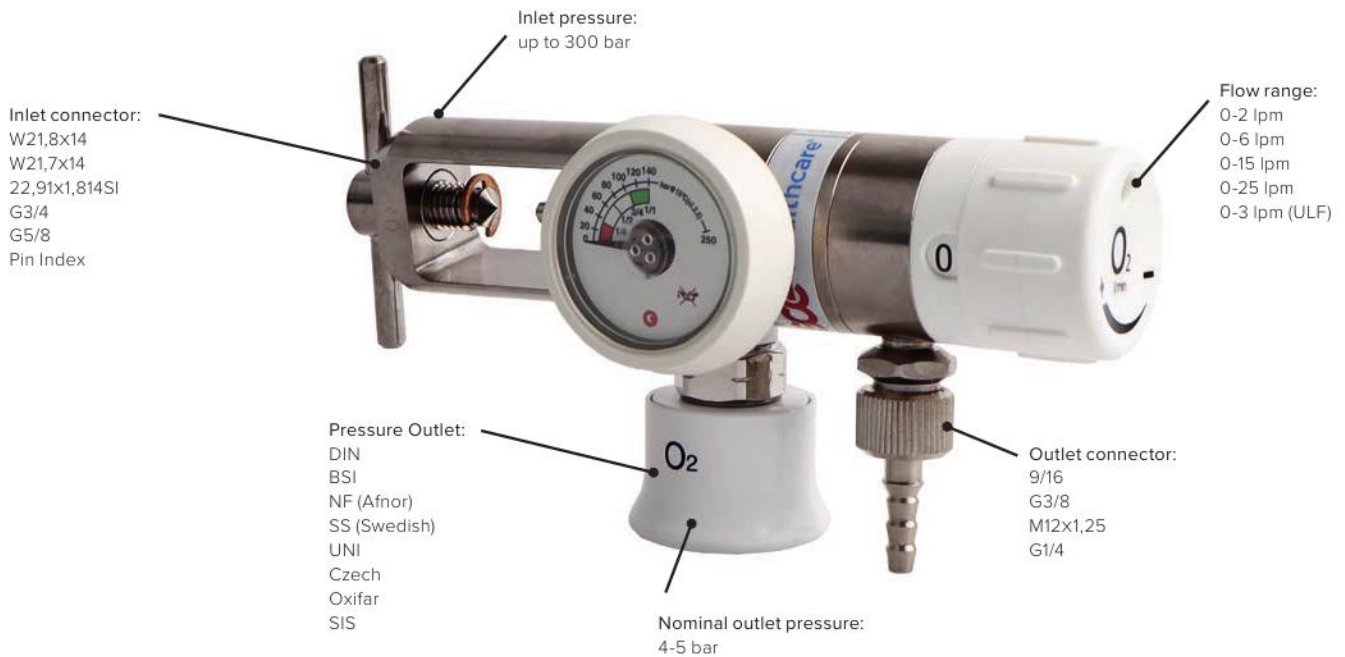
- > Regulator with flow selector
- > Rotating pressure gauge which allows convenient reading
- > 360° swivelling outlet – it enables better orientation of the nasal cannula or oxygen mask towards the patient (preventing from twisting)
- > Innovative self centering flow setting device with continuous flow between settings. In the unlikely event of indent mechanism failure, the patient will still be supplied with medical gas
- > Lateral and frontal reading of flow settings
- > Higher number of flow disc holes increases treatment options
- > Extra flow setting of 25 l/min on the traditional 15 l/min variant, allows use in resuscitation
- > The additional 7 l/min is intended for nebulization

TECHNICAL DATA	
Gas	O ₂ , Air, N ₂ O, CO ₂ , N ₂ O/O ₂ , Xe
Inlet pressure range	Up to 300 bar
Nominal outlet pressure	4 bar
Flow ranges*	
0 to 2 lpm	0, 0.1, 0.2, 0.3, 0.4, 0.5, 0.6, 0.7, 0.8, 1, 1.5, 2
0 to 3 lpm	0, 1/64, 1/32, 1/16, 1/8, 1/4, 1/2, 3/4, 1, 1.5, 2, 3
0 to 6 lpm	0, 0.25, 0.5, 0.75, 1, 1.5, 2, 2.5, 3, 4, 5, 6
0 to 15 lpm	0, 1, 2, 3, 4, 5, 6, 7, 9, 12, 15
0 to 25 lpm	0, 1, 2, 3, 4, 5, 6, 7, 9, 12, 15, 25
Inlet connection	According to national standards
Outlet connection	9/16 UNF, M12×1,25, G3/8, G1/4 with hose nipple
Pressure outlet	BS, DIN, AFNOR, SS, CZ etc.
Body material	Nickel-plated brass
Control knob	Polyamide
O-rings	EPDM
Filter	Sintered bronze
Gauge cover	TPE (thermoplastic elastomer)
Regulatory status	Complies with Medical Devices Directive 93/42/EEC
	Complies with EN ISO 10524-1 (Pressure regulators for use with medical gases)
	Complies with EN 1789 (Medical vehicles and their equipment - Road ambulances)
Classification	Class IIb

* Flowrates expressed at 23°C and 101,3 kPa



You can choose from a wide range of features, flow settings, input connections and gas types to find the ideal appliance for your needs



MEDISELECT® II - HIGH PRESSURE CYLINDER REGULATOR

Item no.	Type	Gas	Flow range	Outlet connection	Inlet connection	Colour of plastic	QC	Inlet pressure	Reading position	Market
0720246	MediSelect II	O2	0-25	9/16	PIN INDEX	black	No	137	right	UK
0720248	MediSelect II	O2	0-25	9/16	PIN INDEX	black	BSI	137	right	UK
0720297	MediSelect II	O2	0-25	9/16	PIN INDEX	black	No	200	right	UK
0720247	MediSelect II	O2	0-25	9/16	G5/8BS	black	No	137	right	UK
0720249	MediSelect II	O2	0-25	9/16	G5/8BS	black	BSI	137	right	UK
0720252	MediSelect II	O2	0-2-4	9/16	G5/8BS	black	No	137	right	UK
0720296	MediSelect II	O2	0-25	9/16	G5/8BS	black	No	200	right	UK
0720265	MediSelect II	AIR	0-15	9/16	PIN INDEX	white	BSI	137	right	UK
0720320	MediSelect II	AIR	0-25	9/16	G5/8BS	white	BSI	200	right	UK
0720100010	MediSelect II	O2	15	9/16	PIN INDEX	White	No	200	right	UK
0720100011	MediSelect II	O2	15	9/16	PIN INDEX	White	BSI	200	right	UK
0720100012	MediSelect II	O2	15	9/16	G5/8BS	White	No	200	right	UK
0720100013	MediSelect II	O2	15	9/16	G5/8BS	White	BSI	200	right	UK
0720100019	MediSelect II	O2	15	9/16	PIN INDEX	White	No	137	right	UK
0720100020	MediSelect II	O2	15	9/16	PIN INDEX	White	BSI	137	right	UK
0720100021	MediSelect II	O2	15	9/16	G5/8BS	White	No	137	right	UK
0720100022	MediSelect II	O2	15	9/16	G5/8BS	White	BSI	137	right	UK
0720100023	MediSelect II	O2	4	9/16	G5/8BS	White	No	137	right	UK
0720100014	MediSelect II	O2	6	9/16	PIN INDEX	White	No	200	right	UK
0720100015	MediSelect II	AIR	25	9/16	G5/8BS	Black	BSI	200	right	UK
0720100024	MediSelect II	AIR	15	9/16	PIN INDEX	Black	BSI	137	right	UK
0720100025	MediSelect II	AIR	15	9/16	G5/8BS	Black	No	137	right	UK
0720100026	MediSelect II	AIR	15	9/16	PIN INDEX	Black	No	137	right	UK
0720100027	MediSelect II	AIR	15	9/16	G5/8BS	Black	BSI	137	right	UK

*Extract from the International Product List, further approx. 200 types available

HOSPITAL WARD EQUIPMENT



FLOW DEVICES



In addition to cylinder pressure reducers, the product range also includes flow regulators, e.g., as flowmeters with measuring tubes or flow regulators with calibrated orifice. (Also called dial or click flowmeters). Flow regulators are used to regulate the gas flow to the patient from a gas source e.g. a gas cylinder with high pressure regulator with quick coupling or a terminal unit in the hospital or ambulance vehicle. These can be single or duo units with direct probe or rail mounted with hose and probe. All flow controllers with calibrated orifice work independent of position and do not have to be operated exclusively in vertical position like Tube Flowmeters. An integrated pressure reducer in the MediFlow Ultra eliminates pressure fluctuations in the gas supply system to ensure even higher flow accuracy. The flow outlet connection can be selected in 4 different threads, with or without screw-on hose nipple or as a fixed hose nipple. Choose the most suitable device for your application from a wide product range of country-specific connections, gases and flow setting options.

MediMeter®

Flowmeter with measuring tube



Diamond Range Tube Flowmeter

Flowmeter with measuring tube



MediFlow® II

Flow controller with calibrated orifice
2 flow scales, 360°swivelling flow outlet



MediFlow Ultra II®

Flow controller with calibrated orifice and integrated pressure reducer
2 flow scales, 360°swivelling flow outlet



DUO FLOW DEVICES



Duo flow devices are used to serve 2 patients at the same time from one wall outlet point or quick couplings in clinics or emergency vehicles. The Y shape design is space-saving for frequently overcrowded wall rails or bed head units.

MediMeter®



Diamond Range Twin Tube Flowmeter



MediFlow Ultra II®



MEDIMETER® - TUBE FLOWMETER

FLOWMETER WITH DIRECT PROBE

Pressure compensated flowmeter for connection to quick coupling or gas outlet in ambulances and hospitals.

- > Inlet pressure 4.5 bar
- > Infinitely adjustable, constant flow
- > conical float, optimal readability
- > Integrated inlet filter
- > Various inlet connections and outlet threads available
- > Further alternatives in the online configurator

[Online configurator](#)

MODELS

- > Direct probe or NIST rail clamp
- > Single flowmeter or duo version
- > Inlet probe extension available



Extended probe version

Further country-specific standards can be found in our online products list or in the online configurator (<http://configurator.gcehealthcare.com/>)



Device name	Gas	Flow Lpm	Outlet Thread	Local Standard Inlet	Probe	Long probe, extended +35 mm	Probe DUO Y
MediMeter tube flowmeter with hose nipple							
MM 2 O ₂	O ₂	2	9/16"	BS	N/A	N/A	N/A
MM 5 O ₂	O ₂	5	9/16"	BS	0730121	0730100020	0730100021
MM 15 O ₂	O ₂	15	9/16"	BS	0730122	0730100022	0730124
MM 30 O ₂	O ₂	30	9/16"	BS	0730123	0730100025	0730100026
MM60 O ₂	O ₂	60	9/16"	BS	0730100025	0730100027	0730100028
MM 5 Air	Air	5	9/16"	BS	0730100029	0730100030	0730100031
MM 15 Air	Air	15	9/16"	BS	0730125	0730100032	0730100033
MM 30 Air	Air	30	9/16"	BS	0730100034	0730100035	0730100036

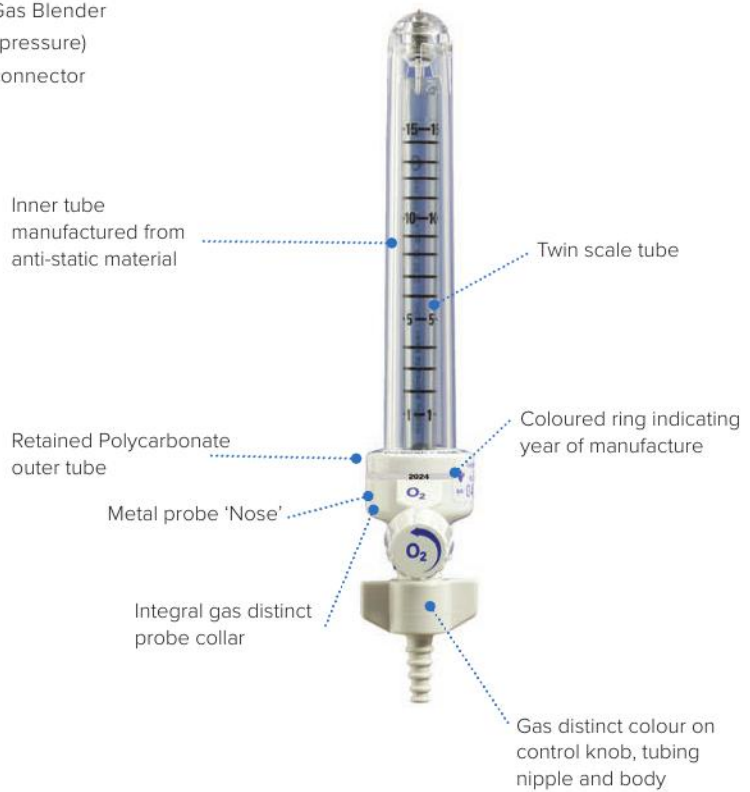
*N/A - Not applicable

"Blue colour coded products are representative only. UK colour coded versions are available."



DIAMOND RANGE FLOWMETER - TUBE FLOWMETER

- > Can be attached to Wall mounting, Medical Rail or O2/Air Gas Blender
- > Calibrated 1-30 litres per minute flowrates @ 60 p.s.i input pressure)
- > Supplied with integral oxygen probe or 3/8th BSP coned connector
- > Flow accuracy +/- 10% of the indicated value or 0.5lpm whichever is the greater
- > Standard male diss (nebuliser) outlet thread
- > Flush flow with valve fully open in excess of 45lpm
- > Adaptors available to convert male to female outlet



TECHNICAL DATA	
Gas pressure	O ₂
Inlet pressure	4 bar
Flow ranges	0–15 lpm, 0–30 lpm, 0–5 lpm, 0–2.5 lpm, 0-500cc
Inlet connection	According to national standard
Outlet connection	9/16"
Body material	O ₂ Compatible Plastic
Control knob	O ₂ Compatible Plastic
Body dimensions	
Width	35 mm
Height	182 mm
Depth	114 mm
Weight	119 g (with BS probe)
Temperature range	
Storage	- 30 °C to + 60 °C
Operation	- 20 °C to + 60 °C
Rail clamp 44 mm	Suitable for 44x10mm rails
Regulatory status	Complies with medical devices directive 93/42/EEC.
	Complies with EN 15 002 (Flow - matring devices for connection to terminal units).

0-15 LPM DIAMOND RANGE FLOWMETER WITH 3/8 NUT

Item no.	Description	Gas	Flow range	Outlet connection	Inlet connection	Colour of plastic	Inlet pressure
9501	Flowmeter with 3/8 nut	O ₂	0-15	9/16"	3/8	■	4 bar

The Diamond Range is supplied with a 7 year warranty on function and accidental damage.

DIAMOND RANGE FLOWMETER WITH PROBE



0-15 LPM DIAMOND RANGE FLOWMETER & PROBE

Item no.	Description	Gas	Flow range	Outlet connection	Inlet connection	Colour of plastic	Inlet pressure
9505	Flowmeter & Probe	O2	0-15	9/16"	According to national standard	■	4 bar
9510	Flowmeter & Probe & Humidifier	O2	0-15	9/16"		■	4 bar
9501/8501	Flowmeter with Extended Probe	O2	0-15	9/16"		■	4 bar
9565	Flowmeter and Schrader Valve with Probe	O2	0-15	9/16"		■	4 bar

TWIN DIAMOND RANGE FLOWMETER WITH PROBE



TWIN 0-15 LPM DIAMOND RANGE FLOWMETERS

Item no.	Description	Gas	Flow range	Outlet connection	Inlet connection	Colour of plastic	Inlet pressure
9550	Twin Flowmeters On Backbar With 3/8 Nut	O2	0-15	9/16"	3/8	■	4 bar
9555	Twin Flowmeters On Backbar With Probe	O2	0-15	9/16"	According to national standard	■	4 bar
9560	Twin Flowmeter & Probe & 2X Humidifiers	O2	0-15	9/16"		■	4 bar
9550/8501	Twin Flowmeter with Extended Probe	O2	0-15	9/16"		■	4 bar

The Diamond Range is supplied with a 7 Year Function Warranty.

V DOVETAIL MOUNTED DIAMOND RANGE FLOWMETERS



9635

V DOVETAIL MOUNTED DIAMOND RANGE FLOWMETERS

Item no.	Description	Gas	Flow range	Outlet connection	Inlet connection	Colour of plastic	Inlet pressure
9630	V Dovetail Single Flowmeter	O ₂	0-15	9/16"	According to national standard	■	4 bar
9635	V Dovetail Twin Flowmeter	O ₂	0-15	9/16"	According to national standard	■	4 bar

0-30 LPM FLOWMETER

Item no.	Description	Gas	Flow range	Outlet connection	Inlet connection	Colour of plastic	Inlet pressure
9595	LPM Diamond Flowmeter with Probe	O ₂	0-30	9/16"	According to national standard	■	4 bar

FLOWMETER ACCESSORIES



6610

INDIRECT RAIL MOUNTING ASSEMBLIES

Complete assemblies to allow existing equipment to be Rail Mounted. Each assembly is supplied with Indirect Block/Rail Clamp and 1.5 Metres of Hose and Probe.

Item no.	Description	Fitting
6610	Indirect Rail Mount Kit For Oxygen Flowmeter	3/8 male
6611	Indirect Rail Mount Kit For Air Flowmeter	3/8 male
6615	Indirect Rail Mount Kit For Ohmeda Suction Unit	1/8 male
6619	Indirect Rail Mount Kit For Oxygen Schrader	1/4 male



6741

HUMIDIFIERS

225cc 'Bubble Through' Humidifier. Male thread to connect directly onto Flowmeter Outlet.

Item no.	Description
6740	Humidifier Kit (Humidifier, Mask and Tubing)
6741	Humidifier Kit - Autoclavable (Male Thread)
6742	Humidifier Kit (225cc Bubble Type - (Female Thread))



6604

DIAMOND RANGE FLOWMETER ACCESSORIES

Item no.	Description	Pack size
6604/10	Diamond Range Flowmeter Tubing Nipple	10
6604/25	Diamond Range Flowmeter Tubing Nipple	25
6604/50	Diamond Range Flowmeter Tubing Nipple	50
6604/Black/10	Diamond Range Flowmeter Tubing Nipple (Black)	10
9501-26	Outlet Adaptor (to convert Male Outlet on Flowmeter to Female)	



9502-60



6501-50

AIR GUARD FIR AIR FLOWMETERS

Item no.	Description
6501-50	Universal Airguard for Air Flowmeter (with cable tie)
9502-60	Airguard for Diamond Range Flowmeter with 2mm Recess & 'O' ring
9502-60/DISC	Diamond Airguard Disc with 2mm Recess & 'O' ring

VACUUM REGULATORS



Medical suction regulators allow the user to efficiently and safely control suction. Our regulators continue to be the preferred choice for optimum performance, high quality and low maintenance.

Choose the right suction regulator.

We have put together this useful guide to help you choose the most suitable suction regulator for your needs.

Push-to-set™



AMVEX®



Diamond



MediEject II



VACUUM REGULATOR

AMVEX®

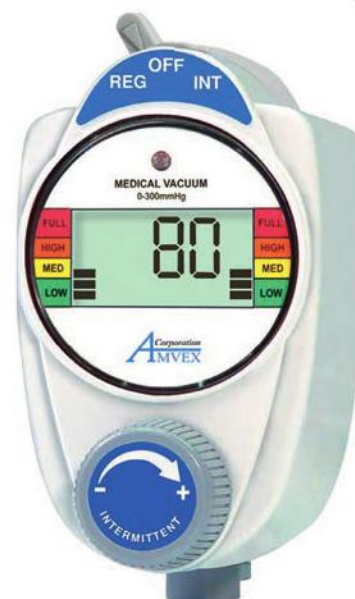
FEATURES

ANALOG:

- > Operating ranges:
0-100 mmHg, 0-160 mmHg, 0-300 mmHg, and 0-760 mmHg
- > Analog gauge designed for clarity (large white background)
- > International gauges move counter-clockwise with increasing vacuum levels
- > Same housing for both Continuous and Continuous/Intermittent Regulator
- > Strong and flexible ABS polymer plastic casing
- > The removable back panel allows you to visually inspect, service and clean
- > The product allows for cleaning by a cold sterilant flush.

DIGITAL: Includes all of the Analog features plus...

- > Patented state of the art Digital Display Technology
- > Easy to read display (numbers are five times the size of an Analog gauge)
- > Because there are no mechanical moving parts within the gauge, digital technology provides a longer working life versus analog mechanical gauges
- > Accuracy is +/-1% of full range
- > Upgrade to Intermittent mode or Digital in minutes
- > Color coded range on digital display corresponds to an Analog gauge



AVAILABLE OPTIONS:

- > Continuous or Intermittent
- > Analog or Digital
- > Adult or High
- > Pediatric or Neonatal



Body colors

OFF
REG **INT**

MEDICAL VACUUM
0-300 mmHg

FULL **FULL**
HIGH **HIGH**
MED **MED**
LOW **LOW**

180 mmHg

AMVEX

WWW.AMVEX.COM

EASY TO READ FROM UP TO 30 FEET AWAY

PATENTED DIGITAL DISPLAY TECHNOLOGY

LARGE NUMBERS INDICATE EXACT SUCTION LEVEL

COLOR CODED BARS

LOW BATTERY INDICATOR

NO MOVING PARTS
provides longer product life

NO CALIBRATION REQUIRED
Accuracy: +/- 1% of full scale

ANALOG GAUGE ALSO AVAILABLE
Large, easy to read display

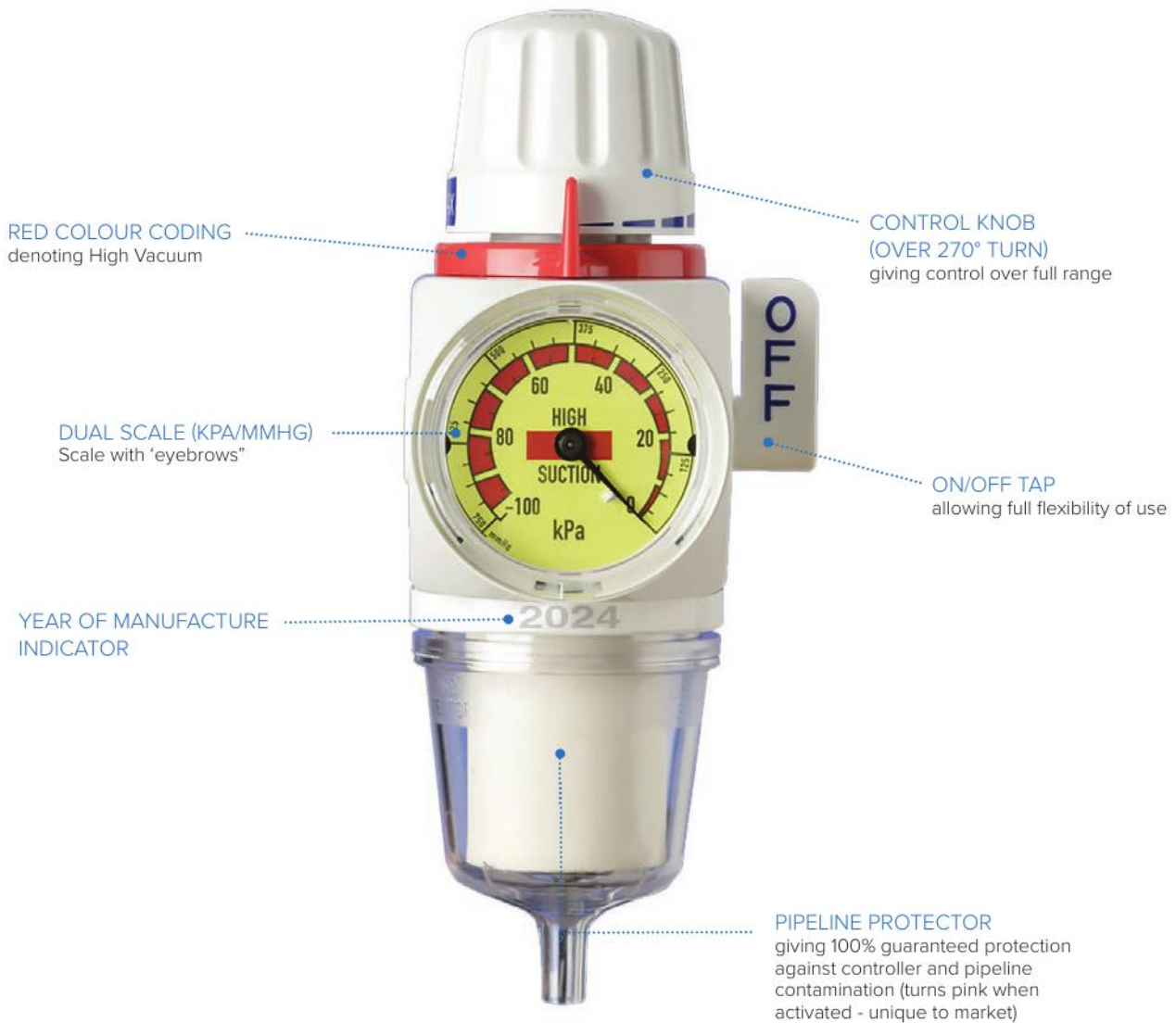
DIGITAL ACCURACY
For patient safety (+/- 1% of full scale)



Regulator components

SUCTION UNITS

DIAMOND RANGE



TECHNICAL DATA	
Body	High strength plastic colour coded body
Colour Coded back & indicator ring denoting type of suction being used	Red - High Vacuum (0 to -100kPa (-750mmHg) Orange - Low Vacuum (0 to -20kPa (-150mmHg) Green - Thoracic Vacuum (0 to -6kPa (-60cmH2O))
Gauge accurate	to +/- 10% of indicated vacuum
Suction Flowrate	High Suction - In excess of 55LPM Low Suction - In excess of 20LPM Thoracic Suction - In excess of 20LPM
Others	Supplied with gas distinct vacuum probe, 9/16 left handed threaded connector, or rail mounted Pipeline protector fitted as standard giving 100% guaranteed protection against pipeline contamination. Filter goes pink when wet Printed ring indicating year of manufacture

The Diamond Range suction unit is supplied with a 7 year warranty on function and accidental damage.

DIAMOND HIGH SUCTION

0 to -625mmHG (-80kPa) Suction Range



Diamond High Suction Unit



Diamond Rail Mounted High Suction Unit

DIAMOND HIGH SUCTION

Item no.	Description	Flow range	Colour of plastic
7701	Diamond High Suction Controller With Probe	55LPM	■
7702	Diamond High Suction Controller With 9/16 Left Hand Fitting	55LPM	■
7703	Diamond High Suction Controller With 1/8 inch Female Fitting	55LPM	■
7705	Diamond Rail Mounted High Suction Controller	55LPM	■
7706	Diamond V Dovetail High Suction Controller	55LPM	■
7715	Diamond Direct High Suction Assembly Complete	55LPM	■
7707	Diamond Complete Rail Mounted High Suction	55LPM	■
7708	Diamond Complete V Dovetail High Suction Assembly	55LPM	■

DIAMOND LOW SUCTION

0 to -150mmHG (-20kPa) Suction Range. Relief Valve (full relief) set at -165mmHG.



Low Diamond Suction Unit



Rail Mounted Low Diamond Suction Unit

DIAMOND LOW SUCTION

Item no.	Description	Flow range	Colour of plastic
7720	Diamond Low Suction Controller With Probe	20LPM	■
7721	Diamond Low Suction Controller With 9/16 Left Hand Fitting	20LPM	■
7725	Diamond Rail Mounted Low Suction Controller	20LPM	■
7726	Diamond V Dove Tail Low Suction Controller	20LPM	■
7736	Diamond Complete Direct Low Suction Assembly	20LPM	■
7727	Diamond Complete Rail Mounted Low Suction	20LPM	■
7728	Diamond Complete V Dovetail Low Suction Assembly	20LPM	■

DIAMOND THORACIC SUCTION

0 to max -60cmH2O suction range. Relief Valve (full relief) set at -75cmH2O.



Thoracic Diamond Suction Unit



Rail Mounted Thoracic Diamond Suction Unit

DIAMOND THORACIC SUCTION

Item no.	Description	Flow range	Colour of plastic
7740	Diamond Thoracic Suction Controller With Probe	20LPM	■
7742	Diamond Thoracic Suction Controller With 9/16 Left Hand Fitting	20LPM	■
7745	Diamond Rail Mounted Thoracic Suction Controller	20LPM	■



7880

DIAMOND PACKAGE

Item no.	Description
7880	Diamond High Suction and O2 Single Diamond Flowmeter Package
7890	Diamond High Suction and O2 Twin Diamond Flowmeter Package

DIAMOND TWIN SUCTION

Item no.	Description
7765	Diamond Twin Suction High/High Backbar & Probe
7770	Diamond Twin Suction High/Low Backbar & Probe
7772	Diamond Twin Suction High/Thoracic Backbar & Probe
7780	Diamond R/M Twin Suction High/High Backbar Hose & Probe
7775	Diamond R/M Twin Suction High/Low Backbar Hose & Probe
7777	Diamond R/M Twin Suction High/Thoracic Backbar Hose & Probe



7760

DIAMOND THEATRE RANGE

Item no.	Description
7760	Diamond Theatre Suction Unit Complete
7761	Diamond Theatre Suction Unit With Twin Suction Controllers
7763	Diamond Theatre Suction Unit Without Jars
7763/ABB	Diamond Theatre Suction Unit (No Jars) But With Abbots Bracket
7763/ SERRES	Diamond Theatre Suction Unit without jars, fitted with Serres Brackets
7766	Diamond Theatre Suction With 4 Jars and One Controller
7767	Diamond Theatre Suction With 4 Brackets, One Controller But No Jars
7768	Diamond Theatre Suction With 0-15 Lpm Flowmeter, both with 5m Hose

SUCTION ACCESSORIES



7900

PIPELINE PROTECTORS (HYDROPHOBIC FILTERS)

Self contained Hydrophobic Filter which prevents any passage of liquid. This guarantees total protection of the hospital pipeline. Suggested change: High Usage Area - Every 3 months; Low Usage Area - Annually or variable depending on hospital infection control policy.

Item no.	Description
4900	Pipeline Protectors (Box of 10)
7900	Diamond Suction Pipeline Protector (Box of 10)
4903	Bacteriological Disc Filter (Box of 24)

0.5 LITRE JARS

Generally for use with Injector Suction. Does not have a float however is fully autoclavable.

Item no.	Description
4507	0.5 Litre Suction Jar
4506	0.5 Litre Suction Jar Holder (Wall Mounted)
4508	0.5 Litre Suction Jar Holder and Wall Mounted holder
4509	0.5 Litre Suction Jar Holder and Rail Mounted holder



12000

PERGO THERAPY JARS

Item no.	Description
12000	Pergo 1 ltr Jar
12500	Pergo 2 ltr Jar
12000-01	Pergo 1 ltr Jar Liner (disposable use)
12500-01	Pergo 2 ltr Jar Liner (disposable use)
12000-02	Pergo 1 ltr Jar Liner - Box of 100
12500-02	Pergo 2 ltr Jar Liner - Box of 100

DUO FLOW DISTRIBUTORS

Are used to serve 2 patients or run 2 applications at the same time from one wall outlet point or quick couplings in clinics or emergency vehicles. The Y shape design is space saving for frequently overcrowded wall rails or bed head unit systems.



Gas Type	Probe	Shape	Product Code
O ₂	BS	Y-Shape	0727525
	BS	Back bar - wide	0727526
	BS	Back bar - narrow	0727535
Air	BS	Y-Shape	0727530
	BS	Back bar - narrow	0727536
Vac	BS	Y-Shape	0727532
	BS	Back bar - narrow	0727537
Air-800	BS	Y-Shape	0727531
	BS	Back bar - narrow	0727538

REGIONAL OFFICES

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