

Medical Gas Regulators



A comprehensive range of high quality regulators for medical gas therapy applications, and gas driven resuscitation / life support systems

- ◆ Therapy Regulator
 - Bullnose or Pin-index inlet
 - $\frac{3}{8}$ " BSP or Schrader outlet
- ◆ Selectflow Cylinder Regulator
 - Bullnose or Pin-index inlet
 - $\frac{3}{8}$ " BSP or Schrader outlet
 - 11 flow settings
- ◆ Therapy Probe
 - Low pressure supply (pipeline or regulated cylinder supply)
 - Replaces conventional flowmeter - use in any position
 - Barbed outlet connector
 - 11 flow settings
- ◆ Resuscitation Regulator
 - Bullnose or Pin-index inlet
 - $\frac{3}{8}$ " BSP or Schrader outlet for drive gas supply
 - Barbed outlet connector for gas therapy supply

Partnership for Life

Additional Features

- ◆ Easy to use, quiet operation
- ◆ Extended service intervals and low life-costs
- ◆ Conforms to the requirements of PrEN 738
- ◆ High quality, precision components, provide accurate output flows
- ◆ Integrated pressure relief valve on all models
- ◆ Cylinder contents / pressure gauge can be rotated for easy reading
- ◆ Click-action selection, and clear flow rate indicator on multiflow units
- ◆ Brass gas path components ensure compatibility with medical gases

Technical Specification

	Therapy Regulator	Selectflow Regulator	Therapy Probe	Resuscitation Regulator
Gas	Oxygen & Air	Oxygen	Oxygen	Oxygen
Inlet Connectors	Full Range HP	Full Range HP	Low Pressure	Full Range HP
Input Pressure	200 – 10 bar	200 – 13 bar	3.9 – 4.5 bar	200 – 10 bar
Pressure Gauge (Also marked: Full 3/4 1/2 & 0)	0 – 200 bar	0 – 200 bar	N/A	0 – 200 bar
Therapy Flows	N/A	11 Flows	11 Flows	11 Flows
Flow Accuracy (above 1 L/min)	N/A	± 10%	± 10%	± 10%
Flow Accuracy (below 1 L/min)	N/A	± 20%	± 20%	± 20%
Therapy Outlet	3/8" BSP or Schrader	Barbed	Barbed	Barbed
Therapy Pressure	N/A	1.6 bar (23 psi)	As supply	4.2 bar (60 psi)
Selector Knob Torque	0.3 Nm	0.3 Nm	0.3 Nm	0.3 Nm
Pressure Output	4.2 bar ± 20%	N/A	N/A	4.2 bar ± 20%
Max. no. of Pressure Outputs	1 G (1/8)	N/A	N/A	2
Pressure Relief Valve Setting	8.4 bar (120 psi)	3.2 bar (46 psi)	N/A	8.4 bar (120 psi)
Dimensions (L x W x D)	97 x 44 x 56 mm	116 x 44 x 63 mm	80 x 44 x 90 mm	116 x 44 x 63 mm
Weight (no outlets)	350 g	350 g	190 g	350 g
Pin-index Yoke	Available	Available	N/A	Available
Environmental Limits (All models)	Operating and Storage Temperature: -20°C to +60°C Humidity: Up to 95% RH non-condensing			

Ordering Information

Therapy Regulator

Part No.	Description
321040	Bullnose, Oxygen with 3/8" BSP outlet
321041	Bullnose, Oxygen with Schrader outlet
321045	Bullnose, Air with 3/8" BSP outlet
321047	Bullnose, Air with Schrader outlet
321038	Pin-index, Oxygen with 3/8" BSP outlet
321039	Pin-index, Oxygen with Schrader outlet
321044	Pin-index, Air with 3/8" BSP outlet
321046	Pin-index, Air with Schrader outlet

Selectflow Regulator

Part No.	Description
321033	Bullnose, Oxygen, 11 flow settings
321032	Pin-index, Oxygen, 11 flow settings

Therapy Probe Regulator

Part No.	Description
321031	Flow probe, Oxygen with BS probe, 11 flow settings

Resuscitation Regulator

Part No.	Description
321035	Bullnose, Oxygen with Schrader outlet
321034	Pin-index, Oxygen with Schrader outlet

Partnership for Life

Penlon's philosophy embraces commitment to a successful, long term relationship with all our customers



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