

Brass Bar Stock Body

Medical Oxytherapy Kit

OPTIONS

APPLICATIONS

- Medical Oxygen
- Medical Nitrous Oxide
- Medical Carbon Dioxide
- Medical Helium
- Medical Mixture Gas
- Single Patient Therapy
- Hospitals
- Anesthesia Machine

ON THE WEB

- Sell Sheet
- Technical Brochure
- Engineering Specification
- Instruction Manual
- Typical Installation Drawing



Regulator Features

Part Valve Technology & Design
for Ease of maintenance and ease of cleaning

Stainless Steel / Neoprene Diaphragm
for Long Service Life without failure

Inlet Assembly with built-in filter traps foreign matters thus
extending regulator life and reducing maintenance

Designed and tested as per ISO 10524

Calibrated and preset at 60 psig / 50 psig (on request)

Brass bar stock Body & Forged Brass Bonnet

Directly mounted to the cylinder valve with gas related nut &
nipple (IS-3224-2002/1979 / CGA / BS)

Safety Valve Inbuilt with Diaphragm

Flowmeter Features

Designed as per ISO 15001

Manufactured as per ISO - 15002

Individually Calibrated and serialised

Calibration Certificate available on request

Micrometric spindle

Unbreakable Food Grade Polycarbonate tubes

Stainless Steel / Imported Floats

Calibrated at 60 psig (4.21 bar) / 50 psig (on request)

Cleaned for Oxygen Service as per CGA-4.1-2009 / ASTM G93

Teflon & Neoprene Seals

Humidifier Features

Unbreakable Polycarbonate Bottle

Autoclavable at 120°C

Individually Tested with Nitrogen and serialised

Parts Cleaned for Oxygen Service as per CGA-4.1-2009 / ASTM G93

Maximum & Minimum Marking

Silicone Seals

For Connection to Medical Flowmeter

Safety Valve set at 2 psig (optional)



**12 / 15 LPM
Flowmeter**



HM Plus



HM Excel



**HM Excel-O
(with safety valve)**

Head Office :

21B, Duff Street, Kolkata - 700 006, West Bengal, India
 +91-33-23525024
 +91-33-23504946
 aneer@aneer.net; cad@aneer.net

Aneer Engineers Pvt. Ltd.

DIN EN ISO 9001 : 2008 Organisation

Visit us at : www.aneer.net

Brass Bar Stock Body

Medical Oxytherapy Kit

Regulator

Specifications

» Maximum Inlet Pressure	170 Bar / 2465 Psig
» Operating Temperature	- 40° C to 60° C
» Gauge Diameter	2" Dial
» Inlet Gauge Range	0 - 250 kg/cm²g
» Delivery Pressure	Preset @ 60 psig / 50 psig (on request)

Flowmeter

Specifications

» Calibrated Pressure	60 psig / 50 psig (on request)
» Operating Temperature	- 40° C to 60° C
» Range	0 - 12 / 0 - 15 Litres Per Minute
» Inlet Connection	G-$\frac{3}{8}$
» Outlet Connection	G-$\frac{3}{8}$ or Other Standards on Request
» Accuracy	± 10% of indicated value or 0.5 LPM (whichever is higher)

Humidifier

Specifications

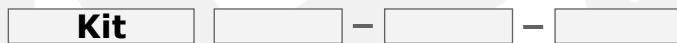
» Test Pressure	120 psig (8 bar)
» Operating Temperature	- 40° C to 120° C
» Inlet Connection	G-$\frac{3}{8}$ or Other Standards on Request
» Outlet Connection	For Cannula / Mask
» Safety Valve (Optinal)	Set at 2 psig

Cannula / Mask

Specifications

» Length	7 Feet (Standard)
» Style	Standard
» Inlet Style	For Humidifier Connection

Ordering Information



Diaphragm Options	Inscribe
316L Stainless Steel	11
Neoprene	10

Flowmeter Range	Inscribe
0 - 12 LPM	2
0 - 15 LPM	5

Humidifier Model	Inscribe
Plus	P
Excel	E
Excel with Safety	EO

Materials

Body	Bar Stock
Bonnet	Forged Brass
Diaphragm	316 L Stainless Steel / Neoprene
Valve Nozzle	High Tensile Brass
Filter	10 Micron - Sintered
Adjusting Knob	None
Outlet	Brass - Extended - 70 mm

Materials

Body	Brass Bar Stock - 30 mm Dia (Chromeplated)
Inner & Outer Tubes	Polycarbonate - Food Grade
Filter	SS316 Wire Mesh
Float	316 Stainless Steel (Tolerance as per AFBMA Grade 100)
Internal Seals	Teflon®/Neoprene

Materials

Bottle	Polycarbonate - Food Grade
Cap	ABS Plastic
Dip Tube	Polypropylene / Polycarbonate
Safety Valve	Brass
Inlet Connection	Brass
Internal Seals	Silicone

Head Office :

21B, Duff Street, Kolkata - 700 006, West Bengal, India

+91-33-23525024

+91-33-23504946

aneer@aneer.net; cad@aneer.net

Aneer Engineers Pvt. Ltd.

DIN EN ISO 9001 : 2008 Organisation

Visit us at : www.aneer.net