

Forged Brass 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)

Forged Brass 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)



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DIN EN ISO 9001 : 2008 Organisation

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Forged Brass Body

Medical Oxytherapy Kit

Regulator

Specifications

» Maximum Inlet Pressure	210 Bar / 3000 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-3/8
» Outlet Connection	G-3/8 or Other Standards on Request
» Accuracy	± 10% of indicated value or 0.5 LPM (whichever is higher)

Humidifier

Specifications

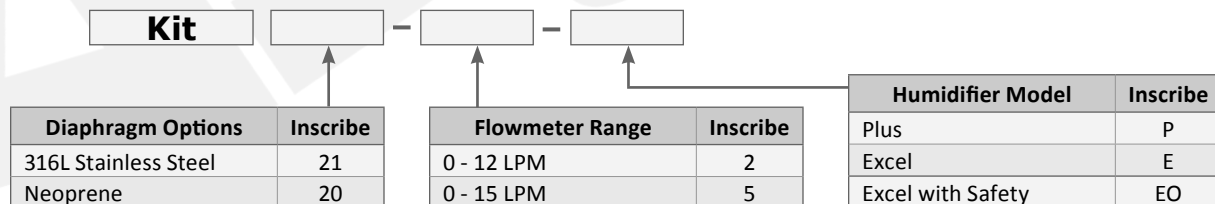
» Test Pressure	120 psig (8 bar)
» Operating Temperature	- 40° C to 120° C
» Inlet Connection	G-3/8 or Other Standards on Request
» Outlet Connection	For Cannula / Mask
» Safety Valve (Optinal)	Set at 2 psig

Cannula / Mask

Specifications

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

Ordering Information



Materials

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

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

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