

Portable Oxytherapy Kit

APPLICATIONS

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

Device Features

The Device consists of Aluminium High Pressure Seamless Cylinder, Flow Control Regulator-built-in Pressure Gauge, Humidifier, Bag Etc.

Cylinders are PESO Approved.



Content

Oxygen contains more than 95% remaining Pure Air V/V

Regulator Features

Incorporated Flowgauge eliminates Flowmeter attachment

Special Orifice at Outlet accurate Flow indication Repeatability

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

Brass Body & Forged Brass Bonnet

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

Safety Valve Inbuilt with Diaphragm

ON THE WEB

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

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 Regulator Outlet

Cylinder Features

Light Weight

Easy to Handle

Seamless

Elegant In Look

Corrosion Resistance

Portable

MRI Compatible

Safety Standards And Quality

No special Maintenance Required

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DIN EN ISO 9001 : 2008 Organisation

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Portable Oxytherapy Kit

Technical Specification

Water Capacity		Gas Capacity Approx.			Outside Dia Approx.		Length Approx.		Tare Weight (kg)Approx.		Duration
Liters	C.f.t.	C. Mtr	Liters	Inch	mm	Inch	mm	Lbs	Kg	Flow rate @ 2 ltr./min.	
2.2	11.66	0.33	330	4.37	111	14.6	370	5.4	2.5	2 hr 45 mins.	
3.1	16.43	0.47	465	4.37	111	18.5	496	7.3	3.3	3 hr 52 mins.	
4.5	23.85	1.68	675	4.37	111	26.8	681	8.9	4	5 hr 37 mins.	

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
» Flow Gauge Range	0 - 15 Litres / Minute

Materials

Body	Brass Bar Stock
Bonnet	Forged Brass
Diaphragm	316 L Stainless Steel / Neoprene
Valve Nozzle	High Tensile Brass
Filter	10 Micron - Sintered
Flow Adjusting Knob	ABS Plastic
Outlet	Brass

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

Materials

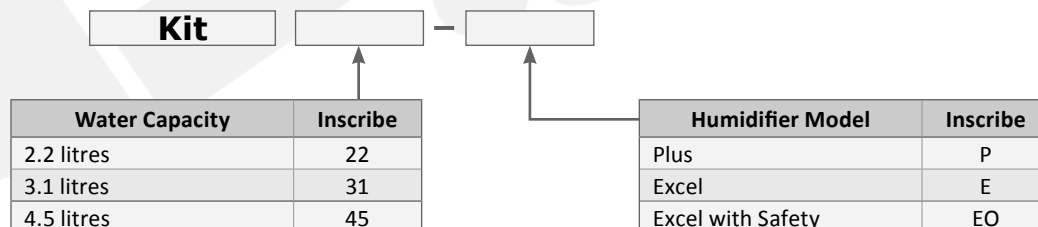
Bottle	Polycarbonate - Food Grade
Cap	ABS Plastic
Dip Tube	Polypropylene / Polycarbonate
Inlet Connection	Brass
Internal Seals	Silicone

Cannula / Mask

Specifications

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

Ordering Information



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