The most advanced portable oxygen delivery systems available. From the global leader in Life Support Products.

INTEGRATED Valve/Regulator Combination

ICS INDUSTRIES
PO Box 38336 • Greensboro, NC 27438
Phone: 336-285-5364 • Fax: 336-272-5377
Email: info@icsind.com • www.icsind.com
Oxy-Gen 1™

portable oxygen delivery systems

CONVENIENT
► Pressure gauge located at the top of the unit is protected by the shroud-handle and provides excellent visibility through a full range of cylinder positions.
► Pressure gauge directly reads cylinder pressure. (No shut-off valves interrupt flow to the gauge)

CAPABLE
► Protective shroud does not require removal during the filling process.
► Fill and evacuation rates are comparable to standard medical post valves and deliver substantial time and money savings on the fill line.

DURABLE
► Shroud material is a high performance Nylon/ABS polymer blend and exhibits excellent toughness and chemical and UV resistance.
► Non-rotating valve seat extends seat life and reduces the potential of particulates generated by rotating seats

COMPACT
► 35% lower profile than comparable models provides more efficient racking and storage capabilities.
► 15% - 25% lighter weight than comparable models combined with ergonomically designed shroud with integral carrying handle improves mobility and reduces user fatigue.
► Shroud circumference is sized to fit within the footprint diameter of standard Medical-E cylinders.

RELIABLE
► Flow rate accuracy within ±10% of dial setting.
► Flow selection dial with positive flow detents guards against inadvertent flow setting changes.
► Inspection windows incorporated in the shroud permit convenient leak inspection.
► All units are 100% helium leak-tested.
► Each Oxy-Gen 1 unit is assigned a unique serial number for positive identification.

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MRI TESTED TO 3 TESLA [in conjunction with a standard, aluminum Medical-E cylinder]

CLASSIFIED AS MR CONDITIONAL PER ASTM F 2503-05
Oxy-Gen 1 Systems are Available in 2 Distinct Flow Ranges

From the gentlest pediatric treatment to the most demanding life preserving EMS requirements, Sherwood offers an Oxy-Gen 1 system for every portable oxygen therapy application.

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<td>0, 1/4, 1/2, 1.2, 3, 4, 6, 8, 10, 12, 15 Liter/Minute</td>
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<td>0 - 25 L/Min</td>
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Options & Design Features

Fill Connection
CGA-540 Outlet (TL2051 VC fill adaptor required for model Oxy-Gen-1VC)

Outlet Connection
Barbed fitting for 1/4” I.D. hose

Optional 50 PSI DISS Connection

Inlet Thread Options
3/4-16 UNF-2A O-Ring Seal
5/8-18 UNF-2A O-Ring Seal
1/2-14 NGT Eductor Tapered Thread

Cylinder Service Pressure Options
0 - 2015 psig
0 - 2216 psig
0 - 3000 psig

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The Oxy-Gen 1 Valve/Regulator is Available in 2 Select Models

**Oxy-Gen-1V**

- Filling process with standard CGA-540 fill connection.
- Flow control knob also acts as the principal shut-off device.
- Standard post valve stem configuration is compatible with existing fill plant drive tools.
- Fill and evacuation rates are similar to standard post medical valve statistics.
- Unique single-control operational design is therapist friendly.
- Sherwood quality, craftsmanship, premium materials and service are standard features of every Oxy-Gen-1V produced.

**Oxy-Gen-1VC**

- Check valve design prevents pressure to the fill connection during therapy applications.
- Filling process requires a special 540 connection tool to over-ride the back check mechanism.
- Master shut-off valve isolates pressure from both the regulator and connection outlet.
- Protective shroud shields the master shut-off valve from unintended operation of the hand-wheel.
- Sherwood quality, craftsmanship, premium materials and service are standard features of every Oxy-Gen-1VC produced.

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