Disaster Preparedness Products and Applications

Portable Suction Products

Wall Suction Products

Oxygen Therapy Products

Portable Suction for Air or O \textsuperscript{2}

Portable Suction (E&C Cylinders)

For more detailed information on the products listed in the catalog, go to our website: www.ohiomedical.com

OHIO MEDICAL: Suction and Oxygen Therapy Devices ♦ Portable Suction Machines ♦ MedGas Pipeline and Medical Systems
Care-e-vac® 3 Portable Battery Powered Suction Pump (AC & Battery)

**Disaster Preparedness → QUICK, MOBILE, POWERFUL AIRWAY CLEARING NEEDS**

The Care-e-vac® 3 is a high-vacuum and high-flow AC/DC-powered suction unit.

- Provides fast, “full suction” capability for emergency needs (handles high viscosity, tenacious secretions)
- High flow - 50 L/min provides resuscitation-level suction power
- The unit is compact, weighs only 10.5 lbs. and has a very small footprint
- Permanently attached power cord prevents loss of cord
- Universal collection canister bracket fits any collection canister, eliminates unique requirements

Moblvac® III Portable Suction Pump (AC Only)

**Disaster Preparedness → FREE STANDING INDEPENDENT CONTINUOUS & INTERMITTENT SUCTION FOR 24/7 SUCTION NEEDS**

The Moblvac® III is a multi-purpose unit, capable of supporting routine airway aspiration and resuscitation, nasogastric intermittent suctioning and chest drainage. Optional dual vacuum port can be ordered. Also available in higher-vacuum continuous-only model, Moblvac® III-cs.

- Extremely quiet, efficient carbon vane pump and air-cooled housing can run 24/7 uninterrupted
- Simply the best when wall vacuum is not available.
- Provides reliable suction for patients in quarantine who do not have access to hospital wall vacuum

Tote-L-vac® Portable Suction Pump (AC & Battery)

**Disaster Preparedness → SUCTION FOR EMS NEEDS**

Tote-L-vac® is the perfect battery powered portable suction unit for EMS, home health, hospital patient transport and where ever battery power is a requirement.

- Ultra-portability; compact and lightweight (9 lbs)
- Accepts both 800cc and 1200cc standard collection canisters of any make
- Provides strong 0-550 mmHg vacuum and 36 L/min flow for up to 30 minutes per battery
- 12 volt D.C. adapter available
Most Hospitals are not adequately supplied with oxygen flowmeters to handle high volume disaster patient numbers. Planning points toward full stocking of all wall outlets above normal needs and warehousing for expanded requirements from tank sources through manifolds.

**Standard Adult Flowmeter**

0-15 L/min Oxygen and Medical Air Flowmeters  
- Features large easy-to-read increments - improved visibility - dark flow levels on white background  
- Front-mounted flow-control knob is easier to use  
- Is about 1/3 smaller than full-sized flowmeters  
- Available with a power outlet

**NEO & PED Applications**

0-1 & Lo-Flo® 3.5 L/min Oxygen Flowmeter  
- Provides highly accurate gas flow measurement and control within a range of .1-1.0 L/min & 0.125-3.5 L/min  
- White background improves visibility  
- Accuracy of ± 0.1L/min (0-1 L/min Model) and ± .125 L/min (LoFlo® 3.5 L/min) or ±10% of reading (whichever is greater)

**Twin Oxygen Flowmeters**

DOUBLE the number of oxygen capable outlets during a time of crisis  
- Two Pressure Compensated Flowmeters mounted onto a “Y” adapter  
- Unique compact design still accommodates double humidifiers and nebulizers  
- Available with a power outlet

**Single Lumen Oxygen Conserver**

USES 5 TIMES LESS OXYGEN IN TIME WHEN O₂ IS IN HIGH DEMAND

Delivers automatic conserving-flow oxygen and can be set for continuous, non-conserving flow  

- Extends the useful life of a compressed gas cylinder to up to 5 times by delivering oxygen to a patient on demand; turns flow on during inspiration and off during expiration  
- Extremely helpful when supply is limited and demand is great
**Oxygen Therapy Products**

**DurO₂ Oxygen Pressure Regulator**

*Disaster Preparedness → DELIVERY OF OXYGEN FROM COMPRESSED GAS CYLINDERS*

**INNOVATIVE SOLUTION:** Use with Ohio Medical’s’ Venturi Backpack suction regulator to provide emergency airway suctioning for ventilator or trauma patients

- For use with oxygen delivery device or for delivery of oxygen to a transport ventilator

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**Portable Suction for Air or O₂ Tanks (E&C Cylinders)**

**Venturi Backpack Suction Regulators**

*Disaster Preparedness → PROVIDES SUCTION WITHOUT ELECTRICITY*

**INNOVATIVE SOLUTION:** The unique Venturi Backpack with the Ohio Vacuum Regulator delivers quiet, high-flow, regulated vacuum from a compressed medical air or oxygen gas source through a normal hospital vacuum regulator.

- Not dependent on AC/DC power or wall vacuum
- 30 L/min gas consumption only when ON; simple ON/OFF slide switch conserves gas

**RECOMMENDATION:**

- Use in rooms that do not have “piped-in” wall suction but have available oxygen outlets. Use a Y adaptor on the O₂ inlet to provide both oxygen therapy and a ready, high-vacuum, high-flow suction source

- Establish mobile triage with:
  - O₂ or medical air cylinder tanks with the venturi backpack and with PTS Vacuum Regulators

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**Patient Movement Items (PMI)**
Wall Vacuum Regulators

**Disaster Preparedness → NEED: VACUUM REGULATOR IN EVERY SUCTION OUTLET**

Most Hospitals are not adequately supplied with wall vacuum regulators to handle high volume disaster patient numbers. Ohio Medical Push-to-Set™ (PTS) vacuum regulators are specially designed for a variety of clinical applications including airway, nasogastric suctioning, surgical suctioning and C.A.S.S. procedures as well as chest drainage.

**RECOMMENDATION:**
- Prepare in advance by filling all wall vacuum outlets with a vacuum regulator
- Use with Venturi Backpack for transport and mobile suction needs
- Use with Venturi Backpack where gas is available and wall vacuum is not
- Available in Adult, Pediatric and Neonatal models
- Both innovative highly accurate, tough digital gauges and custom-ary analog gauges available

Overflow Safety Traps

**Disaster Preparedness → PREVENT SPREAD OF INFECTIOUS FLUIDS**

Overflow Safety Traps guard against accidental overflow and protect regulators, wall outlets and central pipeline systems that may become contaminated or blocked by infected contaminated secretions.

- Latex-free, clear, shatter-resistant autoclavable jars
- All parts steam autoclavable
- Unique float design ensures maximum vacuum flow and positive shutoff

Hydrophobic Filters

**Disaster Preparedness → PREVENT AEROSOLIZED INFECTED BODILY FLUIDS INTO LOCAL ENVIRONMENT**

Disposable filter protects patients and practitioners from harmful body fluids that otherwise contaminate vacuum regulators, wall outlets and pipeline systems. Reduces infection risk, keeps equipment clean, protects technicians, and extends useful product life.

- 99.99% efficiency air particle retention @ 0.3 microns
- Hydrophobic microporous filter removes all aerosols, provides positive final shut-off protection
## Portable Suction Products

<table>
<thead>
<tr>
<th>Description</th>
<th>Part Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>Care-e-vac®3</td>
<td>758000</td>
</tr>
<tr>
<td>Moblvac® III</td>
<td>756000</td>
</tr>
<tr>
<td>Moblvac® III-cs</td>
<td>757000</td>
</tr>
<tr>
<td>Tote-L-vac®</td>
<td>AI4900000</td>
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</tbody>
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## Oxygen Therapy Products

### Flowmeters

<table>
<thead>
<tr>
<th>Description</th>
<th>Part Number</th>
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</thead>
<tbody>
<tr>
<td>Oxygen Flowmeter (0 - 15 LPM) with Diamond wall adapter, O₂ DISS fitting and tubing nipple nut &amp; gland</td>
<td>7701-1260-921</td>
</tr>
<tr>
<td>Oxygen Flowmeter (0 - 15 LPM) with Chemetron Round Striker (NCG) wall adapter and O₂ DISS fitting and clear tubing nipple nut &amp; gland</td>
<td>7706-1260-931</td>
</tr>
<tr>
<td>Oxygen Flowmeter (0 - 15 LPM) with O₂ DISS Hand-I-Twist (HIT) fitting and O₂ DISS power outlet and DISS fitting</td>
<td>7702-1261-907</td>
</tr>
<tr>
<td>Oxygen Flowmeter (0 - 1 LPM) with Diamond wall adapter, O₂ DISS fitting and tubing nipple nut &amp; gland</td>
<td>7701-1309-921</td>
</tr>
<tr>
<td>Lo-Flo® Oxygen Flowmeter (3.5 LPM) with DISS Nut &amp; Gland wall adapter, O₂ DISS fitting and clear tubing nipple nut &amp; gland</td>
<td>7703-1305-931</td>
</tr>
<tr>
<td>Twin Oxygen Flowmeter (0 – 1 LPM) with DISS Hand-I-Twist (HIT) wall adapter, with O₂ DISS fitting and tubing nipple nut &amp; gland</td>
<td>7702-1311-921</td>
</tr>
<tr>
<td>Twin Oxygen Flowmeter (0 - 15 LPM) with Diamond wall adapter, O₂ DISS fitting and O₂ power outlet and clear tubing nipple nut &amp; gland</td>
<td>7701-1263-931</td>
</tr>
</tbody>
</table>

*Many configurations of Flowmeters are available. Please contact your local representative or go to our website: www.ohiomedical.com and configure the model that you need.*

### DurO₂ Oxygen Pressure Regulators

<table>
<thead>
<tr>
<th>Description</th>
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</tr>
</thead>
<tbody>
<tr>
<td>Conserver DurO₂, Single Lumen</td>
<td>6700-0721-800</td>
</tr>
<tr>
<td>Extended DurO₂, 870, LH, 0-4, Barb</td>
<td>6700-0714-800</td>
</tr>
<tr>
<td>Extended DurO₂, 870, LH, 0-8, DISS</td>
<td>6700-0715-800</td>
</tr>
<tr>
<td>Extended DurO₂, 870, LH, 0-15, DISS</td>
<td>6700-0716-800</td>
</tr>
<tr>
<td>Extended DurO₂, 870, RH, 0-25, Barb W/2 DISS</td>
<td>6700-0717-800</td>
</tr>
<tr>
<td>Extended DurO₂, 540, RH, W/2 DISS</td>
<td>6700-0718-800</td>
</tr>
</tbody>
</table>
# Product Check List

## Portable Suction for Air or O₂ Tanks (E&C Cylinders)

<table>
<thead>
<tr>
<th>Description</th>
<th>Part Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>Venturi Backpack Ejector Module</td>
<td>6700-0690-800</td>
</tr>
</tbody>
</table>

## Wall Suction Products

### Vacuum Regulators

<table>
<thead>
<tr>
<th>Description</th>
<th>Part Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>Push-To-Set™ Intermittent regulator with Chemetron Rectangle Striker (NCG) adapter and Locking Gland and Overflow Safety Trap fitting</td>
<td>8705-1251-905 (analog)</td>
</tr>
<tr>
<td>Push-To-Set™ Intermittent regulator with Ohio Diamond adapter and Tubing Nipple fitting</td>
<td>8701-1251-901 (analog)</td>
</tr>
<tr>
<td>Push-To-Set™ Pediatric Intermittent regulator with Ohio Diamond adapter and Tubing Nipple fitting</td>
<td>8701-1271-901 (analog)</td>
</tr>
<tr>
<td>Push-To-Set™ High Three-Mode Continuous regulator with DISS Hand-I-Twist (HIT) adapter and Locking Gland and Overflow Safety Trap fitting</td>
<td>8702-1226-905 (analog)</td>
</tr>
<tr>
<td>Push-To-Set™ Low Two-Mode 0-100 mmHg Continuous regulator Striker (NCG) adapter and Locking Gland fitting</td>
<td>8705-1331-904 (digital)</td>
</tr>
<tr>
<td>Push-To-Set™ Pediatric Continuous regulator with Ohio Diamond adapter and DISS Male &amp; Overflow Safety Trap, DISS wing nut &amp; gland fitting</td>
<td>8701-1334-908 (digital)</td>
</tr>
</tbody>
</table>

*Many configurations of Vacuum Regulators are available. Please contact your local representative or go to our website: www.ohiomedical.com and configure the model that you need.*

### Overflow Safety Traps

<table>
<thead>
<tr>
<th>Description</th>
<th>Part Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>Overflow Safety Trap with Locking Gland</td>
<td>6700-0365-901</td>
</tr>
<tr>
<td>Overflow Safety Trap with Hand-I-Twist (HIT)</td>
<td>6702-0365-901</td>
</tr>
<tr>
<td>Overflow Safety Trap with DISS Wing Nut &amp; Gland</td>
<td>6703-0365-901</td>
</tr>
<tr>
<td>Overflow Safety Trap with DISS Male Adapter</td>
<td>6714-0365-901</td>
</tr>
</tbody>
</table>

### Filters

<table>
<thead>
<tr>
<th>Description</th>
<th>Part Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>Tubing x Tubing nipple</td>
<td>Package of 10</td>
</tr>
<tr>
<td></td>
<td>Package of 50</td>
</tr>
<tr>
<td>1/8&quot; NPT Threaded x Tubing nipple</td>
<td>Package of 10</td>
</tr>
<tr>
<td></td>
<td>Package of 50</td>
</tr>
</tbody>
</table>
Ohio Medical Corporation is an FDA regulated and ISO 13485 registered medical device manufacturing facility

Portable Suction Aspirators are identified by the US Government as one of the top medical devices needed for Patient Movement Items (PMI)* during disaster and pandemic occurrences.

*Defense Medical Standardization Board (DMSB) (website: https://www.dmsb.mil/)

Does your facility’s Disaster Preparedness Plan provide reasonable self sufficiency in the event of:

⚠ Electrical outage, hurricanes or other weather related events?

⚠ Sudden influx of \(O_2\) dependent patients (SARS, Avian Flu, H1N1 Flu, etc)?

⚠ Failure of centrally piped medical oxygen system?

⚠ Failure of centrally piped medical vacuum system?

TERRORIST
Biohazard Attack

NATURAL
Hurricane
Tornado - Floods

PANDEMIC
Epidemic of infectious disease

Disaster
Preparedness

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