Ohio Medical’s Push-To-Set™
Intermittent and Continuous Vacuum Regulators
Ohio Medical Corporation’s Push-To-Set™ (PTS) family of vacuum regulators come with our durable, time tested, quality design you have come to know.

- **Clear markings** show what mode the unit is in
- **Top mounted on/off switch** for ease of use
- **Stat Set-Up** Intermittent mode starts in the “ON” cycle - No waiting
- **Smaller, sleek design** for tight spaces
- **Quietest on the market**
- **Fully adjustable timing cycles** preset to 15 seconds On / 8 seconds OFF
- **Quick-To-Max** Only 2 turns from 0 to full wall vacuum
- **Glow-in-the dark gauge** provides visibility in low-light situations
- **Also available with a Digital Gauge** Large, easy to read display
- **Patented Push-To-Set™** Built-in feature eliminates the need to occlude patient tubing to set accurate vacuum levels

UNMATCHED ACCURACY! for greater safety +/- 1% of full scale

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Higher than recommended suction levels are frequently set for most common suctioning procedures.

**Fact:** If occlude-to-set is not performed, over-suctioning may occur*

**Fact:** Higher than recommended suction levels may lead to tissue damage/bleeding*

**Fact:** Tissue tears may lead to infection*

*Reference Neonatal Intensive Care, May-June 2008 Issue, Article: Enhancing the Safety of Medical Suction Through Innovative Technology, by Patricia Carroll, RN, BC, CEN, RRT, MS
# Push-To-Set™ Adult Intermittent Suction Regulators (ISU) (Analog or Digital)

## Technical Specifications

<table>
<thead>
<tr>
<th>Feature</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Safety Feature</td>
<td>Push-To-Set™ Automatic occlusion device</td>
</tr>
<tr>
<td></td>
<td>Quick-To-Max (2 turns to full wall vacuum)</td>
</tr>
<tr>
<td></td>
<td>One hand to set vacuum level</td>
</tr>
<tr>
<td>Flow Rate</td>
<td>Intermittent: Preset at 8 L/min per ASTM*</td>
</tr>
<tr>
<td></td>
<td>Continuous: 0 to 80 L/min (without fittings at full increase)</td>
</tr>
<tr>
<td>Timing</td>
<td>Easily adjustable without cover or gauge removal</td>
</tr>
<tr>
<td></td>
<td>Silent ON/OFF switching</td>
</tr>
<tr>
<td></td>
<td>Preset 15 seconds ON / 8 seconds OFF (± 3 seconds)</td>
</tr>
<tr>
<td></td>
<td>Front case adjustable at bedside</td>
</tr>
<tr>
<td></td>
<td>Begins in the “ON” mode</td>
</tr>
<tr>
<td>Vacuum Range</td>
<td>0 to 200 mmHg and full wall vacuum</td>
</tr>
<tr>
<td>Gauge Display</td>
<td>Analog: Glow in the dark in low or no light environments</td>
</tr>
<tr>
<td></td>
<td>Digital: Large, easy to read display with range indicators</td>
</tr>
<tr>
<td>Gauge Accuracy</td>
<td>Analog: ± 10 mmHg or ± 5% Full Scale Deflection</td>
</tr>
<tr>
<td></td>
<td>Digital: ± 2.0 mmHg or ± 1% Full Scale Deflection</td>
</tr>
<tr>
<td>Battery (Digital)</td>
<td>Primary Lithium: 2/3AA, 3.6V, 1.6 Ah</td>
</tr>
</tbody>
</table>

*American Society for Testing & Materials

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**Push-To-Set™ Pediatric/Neonatal Intermittent Suction Regulators (ISU) (Analog or Digital)**

**Technical Specifications**

Safety Feature: Push-To-Set™ Automatic occlusion device
- Quick-To-Max (2 turns to full wall vacuum)
- One hand to set vacuum level
- Positive Pressure Safety Relief Valve

Flow Rate:
- Intermittent: preset at 8 L/min per ASTM*
- Continuous: 0 to 80 L/min (without fittings at full increase)

Timing:
- Easily adjustable without cover or gauge removal
- Silent ON/OFF switching
- Preset 15 seconds ON / 8 seconds OFF (± 3 seconds)
- Front case adjustable at bedside
- Begins in the “ON” mode

Vacuum Range:
- 0 to 135 mmHg (Pediatric)
- 0 to 100 mmHg (Neonatal)

Gauge Range:
- 0 to 160 mmHg Pediatric (Analog & Digital)
- 0 to 160 mmHg Neonatal (Analog)
- 0 to 100 mmHg Neonatal (Digital)

Gauge Display:
- Analog: Glow in the dark in low or no light environments
- Digital: Large, easy to read display with range indicators

Gauge Accuracy:
- Analog: ± 8 mmHg or ±5% Full Scale Deflection
- Digital: ± 1.6 mmHg or 1% of full scale deflection (Pediatric)
- ± 1.0 mmHg or 1% of full scale deflection (Neonatal)

Battery (Digital):
- Primary Lithium: 2/3AA, 3.6V, 1.6 Ah

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Push-To-Set™ Adult Continuous Vacuum Regulator (CVR) (Analog or Digital)

High Two Mode Continuous (Adult)
Modes: I (ON), O (OFF)
Gauge: High Vacuum (0-760 mmHg)
Color Band: Solid orange/variable to orange
Regulated Vacuum: 0-Full Wall Vacuum
Instantaneous Full Wall Vacuum Mode

Standard Three Mode Continuous (Adult)
Modes: I (On), O (OFF), MAX
Gauge: Standard (0-200 mmHg - Full Vacuum)
Color Band: Low, Medium, High & Full Vacuum
Regulated Vacuum: 0-Full Wall Vacuum
Instantaneous Full Wall Vacuum Mode

Standard Two Mode Continuous (Adult)
Modes: I (ON), O (OFF)
Gauge: Standard (0-200 mmHg-Full Vacuum)
Color Band: Low, Medium, High & Full Vacuum
Regulated Vacuum: 0-Full Wall Vacuum

High Two Mode Continuous (Adult)
Modes: I (ON), O (OFF)
Gauge: High Vacuum (0-760 mmHg)
Color Band: Solid orange/variable to orange
Regulated Vacuum: 0-Full Wall Vacuum
Push-To-Set™ Pediatric/Neonatal/C.A.S.S. Continuous Vacuum Regulator (CVR)(Analog or Digital)

Two Mode Neonatal Continuous
Modes: I (ON), O (OFF)
Gauge: Low Vacuum
   (0-100 mmHg/Digital)
   (0-160 mmHg/Analog)
Color Band: Low, Medium, High
Regulated Vacuum: 0-100 mmHg

Two Mode C.A.S.S. Continuous
Modes: I (ON), O (OFF)
Gauge: Low Vacuum
   (0-160 mmHg)
Color Band: Low, Medium, High
Regulated Vacuum: 0-140 mmHg

Two Mode Pediatric Continuous
Modes: I (ON), O (OFF)
Gauge: Low Vacuum
   (0-160 mmHg)
Color Band: Low, Medium, High
Regulated Vacuum: 0-135 mmHg

Technical Specifications

Safety features:
Push-To-Set™ passive, safe vacuum level selection
Quick to Max - 2 turns or less to full wall vacuum resuscitation
One hand to set vacuum level correctly and safely
Negative Pressure Safety Relief Valve (Neonatal, Pediatric & C.A.S.S. Models)

Gauge Accuracy:
Analog: ±5% full scale deflection
Digital: ±1% of full scale deflection or
   0-100 Gauge: ±1.0 mmHg
   0-160 Gauge: ±1.6 mmHg
   0-200 Gauge: ±2.0 mmHg
   0-760 Gauge: ±7.6 mmHg

Vacuum Range:
0-100 mmHg (Neonatal); 0-135 mmHg (Pediatric); 0-140 mmHg (C.A.S.S.);
0-200 mmHg and up to full wall vacuum (Standard); 0-760 mmHg (High)

Gauge Display:
Analog: Glow in the dark in low or no light environments
Digital: Large, easy to read display

Flow Rate:
Adult: 0-80 Lpm without fittings at full increase
Neonatal/Pediatric/C.A.S.S.: 0-50 Lpm without fittings at full increase

Battery:
Primary Lithium 2/3AA, 3.6V, 1.6 Ah

Information/products in this catalog subject to change without notice.
Color Coding Labels

Color Code your Push-To-Set™ ISU or CVR Vacuum Regulators.
A solution for labeling your regulators to show department ownership or special clinical applications.
Can be used on either Analog or Digital Regulators

Intermittent Suction Unit

Continuous Vacuum Regulator

<table>
<thead>
<tr>
<th>Code</th>
<th>Color</th>
<th>Quantity</th>
</tr>
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<tbody>
<tr>
<td>8700-0010-101</td>
<td>GOLD</td>
<td>(5 labels/order)</td>
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<tr>
<td>8700-0010-102</td>
<td>PEACH</td>
<td>(5 labels/order)</td>
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<tr>
<td>8700-0010-103</td>
<td>WATERMELON</td>
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<td>8700-0010-104</td>
<td>PURPLE</td>
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<td>8700-0010-105</td>
<td>TEAL</td>
<td>(5 labels/order)</td>
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<td>8700-0010-106</td>
<td>BLUE</td>
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<td>8700-0010-107</td>
<td>LIGHT GRAY</td>
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<tr>
<td>8700-0010-108</td>
<td>PINK</td>
<td>(5 labels/order)</td>
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<tr>
<td>8700-0010-109</td>
<td>LIME</td>
<td>(5 labels/order)</td>
</tr>
<tr>
<td>8700-0010-110</td>
<td>DARK GRAY</td>
<td>(5 labels/order)</td>
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</tbody>
</table>
Color Code your Push-To-Set™ Digital ISU or CVR Vacuum Regulators.
A solution for labeling your regulators to show department ownership or special clinical applications. Color cases are only available with a digital gauge.

Blue

Yellow

Purple

Pink

Lt. Blue

Red

Additional colors are available for an additional charge. Please contact inside sales at 866-549-6446, Option 1.
Ordering Matrix - Intermittent Suction Unit

Product Identifier Number

Analog:
- Intermittent Suction Unit *1251
- Pediatric Intermittent Suction Unit 1271
- Neonatal Intermittent Suction Unit 1279

Digital:
- Intermittent Suction Unit 1351
- Pediatric Intermittent Suction Unit 1371
- Neonatal Intermittent Suction Unit 1372

*MR Conditional

Digital PTS Regulators

<table>
<thead>
<tr>
<th></th>
<th>Yellow</th>
<th>Blue</th>
<th>Pink</th>
<th>Red</th>
<th>Lt. Blue</th>
<th>Purple</th>
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<td>Intermittent Suction Unit</td>
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<td>Intermittent Suction Unit/Pediatric</td>
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<td>Intermittent Suction Unit/Neonatal</td>
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</tbody>
</table>

Overflow Safety Traps and Filters

Overflow Safety Traps
- Overflow Safety Trap with Locking Gland 6700-0365-901
- Overflow Safety Trap with Hand-I-Twist (HIT) 6702-0365-901
- Overflow Safety Trap with DISS Wing Nut & Gland 6703-0365-901
- Overflow Safety Trap with DISS Male Adapter 6714-0365-901

Filters
- Tubing x Tubing nipple
  - Package of 10 6730-0571-800
  - Package of 50 6730-0572-800
- 1/8" NPT Threaded x Tubing nipple
  - Package of 10 6730-0581-800
  - Package of 50 6730-0582-800

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Ordering Matrix - Continuous Vacuum Regulator

Push-To-Set™ Series

Adapter (vacuum source connection)
- No Adapter with 1/8" NPT Female 00
- Diamond 01
- DISS Hand-I-Twist (HIT) 02
- DISS Nut & Gland 03
- Schrader 04
- Chemetron Rectangle Striker (NCG) 05
- Puritan Bennett 07
- O.E.S. Twist 08
- O.E.S. Med Star 09
- 90° Tubing Nipple 11

Fittings (patient connection)
- No Fitting 1/8" NPT Female 00
- Tubing Nipple 01
- Locking Gland 04
- Locking Gland & Overflow Safety Trap 05
- DISS Male 07
- DISS Male & Overflow Safety Trap, DISS Wing Nut & Gland 08
- Pole Mount Bracket with Locking Gland & Overflow Safety Trap 28
- Pole Mount Bracket with Tubing Nipple 29

Product Identifier Number

Analog:
- 3-Mode Continuous Vacuum Regulator *1224
- 2-Mode Continuous Vacuum Regulator *1225
- 3-Mode High Continuous Vacuum Regulator *1226
- 2-Mode High Continuous Vacuum Regulator *1330
- 2-Mode Neonatal Continuous Vacuum Regulator 1231
- 2-Mode Pediatric Continuous Vacuum Regulator 1234
- 2-Mode C.A.S.S. Continuous Vacuum Regulator 1227

Digital:
- 3-Mode Continuous Vacuum Regulator 1324
- 2-Mode Continuous Vacuum Regulator 1325
- 3-Mode High Continuous Vacuum Regulator 1326
- 2-Mode High Continuous Vacuum Regulator 1430
- 2-Mode Neonatal Continuous Vacuum Regulator 1431
- 2-Mode Pediatric Continuous Vacuum Regulator 1434

Digital PTS Regulators

<table>
<thead>
<tr>
<th>Yellow</th>
<th>Blue</th>
<th>Pink</th>
<th>Red</th>
<th>Lt. Blue</th>
<th>Purple</th>
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</thead>
<tbody>
<tr>
<td>3-Mode Standard CVR 1424</td>
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<td>3-Mode High CVR 1426</td>
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<tr>
<td>2-Mode Standard CVR 1425</td>
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<tr>
<td>2-Mode High CVR 1530</td>
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<td>2-Mode Neonatal(0-100mmHg) CVR 1431</td>
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<td>2-Mode Pediatric (0-160mmHg) CVR 1434</td>
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</table>

*MR Conditional

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Part 1: Clinical Animation Video
“Avoiding the hazards of inadvertent administration of high suction pressures”

Part 2: Clinical Video
Understanding the Hazards of oversuctioning

Both videos can be viewed on our website: www.ohiomedical.com

### Vacuum Regulators - Quick Reference Chart

<table>
<thead>
<tr>
<th>Type of Regulator</th>
<th>Model Type</th>
<th>Adult</th>
<th>Pediatric</th>
<th>Neonatal</th>
</tr>
</thead>
<tbody>
<tr>
<td>Push-To-Set™ Intermittent Suction Unit (Analog)</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td></td>
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<tr>
<td>Push-To-Set™ Continuous Vacuum Regulator (Analog)</td>
<td>X</td>
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<tr>
<td>Push-To-Set™ Intermittent Suction Unit (Digital)</td>
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<tr>
<td>Push-To-Set™ Continuous Vacuum Regulator (Digital)</td>
<td>X</td>
<td>X</td>
<td>X</td>
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</tr>
<tr>
<td>Intermittent Suction Unit (Analog)</td>
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<tr>
<td>Continuous Vacuum Regulator (Analog)</td>
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<tr>
<td>Thoracic Vacuum Regulator (Analog)</td>
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<tr>
<td>Surgical/Free-Flow Vacuum Regulator (Analog)</td>
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</table>

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