Ohio Medical’s Push-To-Set™ Intermittent and Continuous Vacuum Regulators (ISO & ANSI)
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
- Also available with a Digital Gauge: Large, easy to read display
- Tough, Reliable: survives dropping, holds calibration
- Digital Accuracy: for patient safety +/- 1% of full scale

Glow-in-the-dark gauge provide visibility in low-light situations

Moderate Flow Rates
- safer for normal suctioning
- high for resuscitation

Patented Push-To-Set™
Built-in feature eliminates the need to occlude patient tubing to set accurate vacuum levels

Digital Accuracy
for patient safety

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Large, easy to read display

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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*

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Did You Know?

*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

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**Did You Know?**

Patented Push-To-Set™ built-in feature eliminates the need to occlude patient tubing to set accurate vacuum levels.

Removes a step in setting vacuum level, while ensuring greater patient safety.

**One simple one-handed step**
Push-To-Set™ Adult Intermittent Suction Regulators (ISU) (Analog or Digital)

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

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 (range: ± 3 seconds)
Front case adjustable at bedside
Begins in the “ON” mode

Vacuum Range: 0-26.7 kPa (0 to 200 mmHg) and full available wall vacuum

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: ± 5% of full scale deflection or ± 10 mmHg
Digital: ± 1% of full scale or 0-200 Gauge: ± 2.0 mmHg

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

*American Society for Testing & Materials
**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 (range: ± 3 seconds)
- Front case adjustable at bedside
- Begins in the “ON” mode

**Gauge Range:**
- 0 to 21.3 kPa (0 to 160 mmHg) Pediatric (Analog & Digital)
- 0 to 21.3 kPa (0 to 160 mmHg) Neonatal (Analog)
- 0 to 13.3 kPa (0 to 100 mmHg) Neonatal (Digital)

**Vacuum Range:**
- 0 to 18.0 kPa (0-135) mmHg) Pediatric
- 0 to 13.3 kPa (0-100 mmHg) Neonatal

**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: ± 8.0 mmHg or ±5% Full Scale Deflection
- Digital: ± 1.0 mmHg or 1% of full scale deflection (Neonatal)
  ± 1.6 mmHg or 1% of full scale deflection (Pediatric)

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

*American Society for Testing & Materials*
Push-To-Set™ Adult Continuous Vacuum Regulator (CVR) (Analog or Digital)

Standard Three Mode Continuous (Adult)
Modes: I (On), O (OFF), MAX
Gauge: Standard 0-26.7 kPa (0-200 mmHg) Full Vacuum
Color Band: Low, Medium, High & Full Vacuum
Instantaneous Full Wall Vacuum Mode

High Three Mode Continuous (Adult)
Modes: I (ON), O (OFF), MAX
Gauge: High Vacuum 0-101.3 kPa (0-760 mmHg)
Color Band: Solid orange/variable to orange
Instantaneous Full Wall Vacuum Mode

Standard Two Mode Continuous (Adult)
Modes: I (ON), O (OFF)
Gauge: Standard 0-26.7 kPa (0-200 mmHg) Full Vacuum
Color Band: Low, Medium, High & Full Vacuum

High Two Mode Continuous (Adult)
Modes: I (ON), O (OFF)
Gauge: High Vacuum 0-101.3 kPa (0-760 mmHg)
Color Band: Solid orange/variable to orange
Push-To-Set™ Pediatric/Neonatal/C.A.S.S. Continuous Vacuum Regulator (CVR)(Analog or Digital)

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. Units)

Gauge Accuracy:
- Analog: ±5% full scale deflection
- Digital: ±1% of full scale deflection or
  - 0-13 kPa (0-100 mmHg/Digital): ± 1.0 mmHg
  - 0-21 kPa (0-160 mmHg/Digital): ± 1.6 mmHg
  - 0-27 kPa (0-200 mmHg/Digital): ± 2.0 mmHg
  - 0-100 kPa (0-760 mmHg/Digital): ± 7.6 mmHg

Vacuum Range:
- 0-13.3 kPa (0-100 mmHg)(Neonatal); 0-18.0 kPa (0-135 mmHg)(Pediatric);
- 0-18.7 kPa (0-140 mmHg) (C.A.S.S.);
- 0-26.7 kPa (0-200 mmHg) and up to full wall vacuum (Standard);
- 0-101.3 kPa (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

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255427 (Rev. 8) 12/2014
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, ISO or ANSI

Intermittent Suction Unit

Continuous Vacuum Regulator

PUSH-TO-SET™

8700-0010-101 GOLD (5 labels per sheet)
8700-0010-102 PEACH (5 labels per sheet)
8700-0010-103 WATERMELON (5 labels per sheet)
8700-0010-104 PURPLE (5 labels per sheet)
8700-0010-105 TEAL (5 labels per sheet)

8700-0010-106 BLUE (5 labels per sheet)
8700-0010-107 LIGHT GRAY (5 labels per sheet)
8700-0010-108 PINK (5 labels per sheet)
8700-0010-109 LIME (5 labels per sheet)
8700-0010-110 DARK GRAY (5 labels per sheet)
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.

Additional colors are available for an additional charge. Please contact inside sales at 1-847-855-0800
Ordering Matrix - Intermittent Suction Unit

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
- BOC (British Standard) 31
- DIN (German Standard) 32
- AFNOR (French Standard) 33
- AGA (Nordic Standard) 34
- SIS (Australian) 35
- Japanese 14

Fittings (patient connection)
- No Fitting 1/8" NPT Female 00
- Tubing Nipple 01
- Locking Gland 04
- Locking Gland & Overflow Safety 05
- Trap and 1300 mi Plastic Bottle with Wall Slide, Tubing 06
- 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:
- Adult Intermittent Suction Unit.................. *1251 .......... *1253
- Pediatric Intermittent Suction Unit ............ 1271 .......... 1273
- Neonatal Intermittent Suction Unit............. 1279

Digital:
- Adult Intermittent Suction Unit.................. 1351 .......... 6353
- Pediatric Intermittent Suction Unit ............ 1371 .......... 6373
- Neonatal Intermittent Suction Unit............. 1372 .......... 6372

*MR Conditional

Digital PTS Regulators (Colors)

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<thead>
<tr>
<th>Digital PTS Regulators (Colors)</th>
<th>Yellow</th>
<th>Blue</th>
<th>Pink</th>
<th>Red</th>
<th>Lt. Blue</th>
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### Ordering Matrix - Continuous Vacuum Regulator

#### 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
- 9O° Tubing Nipple: 11
- BOC (British Standard): 31
- DIN (German Standard): 32
- AFNOR (French Standard): 33
- AGA (Nordic Standard): 34
- SIS (Australian): 35
- Japanese: 14

#### Fittings (Patient Connection)
- No Fitting 1/8" NPT Female: 00
- Tubing Nipple: 01
- Locking Gland: 04
- Locking Gland & Overflow Safety Trap: 05
- Locking Gland, Overflow Safety Trap: 06
- 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 Adult Continuous Vacuum Regulator: 1224
- 2-Mode Adult Continuous Vacuum Regulator: 1225
- 3-Mode Adult High Continuous Vacuum Regulator: 1229
- 2-Mode Adult High Continuous Vacuum Regulator: 1330
- 2-Mode Pediatric Continuous Vacuum Regulator: 1234
- 2-Mode Neonatal Continuous Vacuum Regulator: 1235
- 2-Mode C.A.S.S. Continuous Vacuum Regulator: 1227

**Digital:**
- 3-Mode Adult Continuous Vacuum Regulator: 1324
- 2-Mode Adult Continuous Vacuum Regulator: 1325
- 3-Mode Adult High Continuous Vacuum Regulator: 1326
- 2-Mode Adult High Continuous Vacuum Regulator: 1430
- 2-Mode Pediatric Continuous Vacuum Regulator: 1334
- 2-Mode Neonatal Continuous Vacuum Regulator: 1331

*MR Conditional

### Digital PTS Regulators (Colors)

<table>
<thead>
<tr>
<th>Yellow</th>
<th>Blue</th>
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<tr>
<th>3-Mode High CVR (ISO)</th>
<th>2-Mode High CVR (ISO)</th>
<th>2-Mode Pediatric (0-160mmHg) CVR (ISO)</th>
<th>2-Mode Neonatal (0-100mmHg) CVR (ISO)</th>
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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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**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>
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<tbody>
<tr>
<td>Push-To-Set™ Intermittent Suction Unit (Analog)</td>
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<td>(ANSI Only)</td>
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<td>Push-To-Set™ Continuous Vacuum Regulator (Analog)</td>
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<td>Push-To-Set™ Intermittent Suction Unit (Digital)</td>
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<tr>
<td>Push-To-Set™ Continuous Vacuum Regulator (Digital)</td>
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<tr>
<td>Intermittent Suction Unit (Analog)</td>
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<tr>
<td>Continuous Vacuum Regulator (Analog)</td>
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<td>Thoracic Vacuum Regulator (Analog)</td>
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<td>Surgical/Free-Flow Vacuum Regulator (Analog)</td>
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Chemetron and Med Star are registered trademarks of Allied Healthcare Products, Inc.

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