

Push-To-Set™ Digital Continuous Vacuum Regulator (ANSI) Adult/Pediatric/Neonatal



3-Mode



3-Mode High



2-Mode



2-Mode High



2-Mode PED



2-Mode NEO (0-100 mmHg)

DESCRIPTION AND APPLICATION

The Push-To-Set™ Digital Continuous Vacuum Regulators exceed clinical expectations in medical suction procedures by offering technology breakthroughs plus the quality and simplicity you are accustomed to receiving from Ohio Medical Corporation's products. They now feature the unique, patented Push-To-Set™ which provides a reliable, means of setting the regulator for proper suctioning. PTS-CVR's provide regulated, continuous suction for tracheal and pharyngeal airway management, surgical procedures, and continuous nasogastric drainage.

The Three Mode, Two Mode and Three Mode High Continuous models provide adjustable vacuum from zero to full-line vacuum. Both the Three Mode and Three Mode High units offer a MAX mode which provides unrestricted full-line vacuum for emergencies. The Low models includes a negative pressure limiting valve to limit maximum negative pressure to 135 mmHg for the pediatric model and 100 mmHg for the neonatal model. Three specialized gauges are supplied. Both the Three Mode and Two Mode units feature a large 0-200 mmHg range gauge with color-coded low, medium, high and full-vacuum ranges. The gauge for the Low unit is color-coded to indicate its special low range (0-160 mmHg/PED or 0-100 mmHg/NEO). The High model is also color-coded for high vacuum and reports the full range of available vacuum from 0 -760 mmHg.

The PTS-CVR's have an ergonomic design that contains two new exclusive safety features that simplify processes, minimize clinical errors and increases product performance. The patented Push-To-Set™ mechanism automatically establishes a vacuum limit with each vacuum level setting. A unique dual-spring regulator module ensures precision in the critical care range (0-200mm Hg) while also providing faster adjustment (2 turns) up to full wall vacuum for emergency resuscitation procedures.

For patient safety in case of accidental connection to a positive pressure gas, these regulators are equipped with a positive pressure relief valve.

FEATURES AND BENEFITS

- **EXCLUSIVE!** Patented Push-To-Set™
Improves patient safety
Prevents unregulated suction
Simple, one handed operation
- **Ultrasonic Manifold**
Best design for hermetic seals
- **EXCLUSIVE!** Quick-To-Max
Faster adjustment (2 turns) to full wall vacuum for emergency situations
- **Positive Pressure Safety Relief Valve**
Vents positive pressure to protect patient and regulator if accidentally connected to pressurized gas (O₂, air, etc.)
- **Large, Easy to Read Digital Gauge**
Unmatched accuracy for greater safety: ±1% of full scale
Color coded ranges
- **Modular Common Components**
Common components reduce service part inventory
Simplifies service procedures
Low cost replacement parts and kits
- **Durable Design and Construction**
Few mechanical parts
Rugged, shatter-resistant ABS case
Corrosion & lubrication-free
Service-free backplate
- **Ordering Options**
Available in various configurations including adapters for connecting to source vacuum and options for collection devices and overflow safety protection.

Standard Three Mode Continuous

- 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 MAX Vacuum mode

Standard Two Mode Continuous

- 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

- Modes: I (ON), O (OFF)
- Gauge: High Vacuum (0-760 mmHg)
- Regulated Vacuum: 0 - Full Wall Vacuum

High Three Mode Continuous

- Modes: I (ON), O (OFF), MAX
- Gauge: High Vacuum (0-760 mmHg)
- Regulated Vacuum: 0 - Full Vac
- Instantaneous Full Wall Vacuum Mode
- Recommended for OR/ER use

Low Pediatric Continuous

- Modes: I (ON), O (OFF)
- Gauge: Low Vacuum (0-160 mmHg)
- Color Band: Low, Medium, High
- Regulated Vacuum: 0-135 mmHg
- Backup Safety Relief Valve

Low Neonatal (0-100 mmHg) Continuous

- Modes: I (ON), O (OFF)
- Gauge: Low Vacuum (0-100 mmHg)
- Color Band: Low, Medium, High
- Regulated Vacuum: 0-100 mmHg
- Backup Safety Relief Valve

TECHNICAL SPECIFICATIONS

- Flow Rate:** 0-80 Lpm without fittings at full increase
- Gauge Accuracy:** ± 1% Full Scale
- Dimensions:** 6.7”H x 2.8”W x 4.8”D (17.02 x 7.1 x 12.19 cm)
- Weight:** 1 lb 4 oz (0.57 Kg.) (less fittings and adapters)
- F.O.B. Point:** Gurnee, IL USA
- Standards:** Conforms to ISO 10079-3 and ASTM F960

SHIPPING INFORMATION

- Shipping weight:** 1 lb. 11 oz. (0.77 Kg) less fittings and adapters
- Package Size:** 6.8” H x 10.5” W x 8” D (17.27 H x 26.67 W x 20.32 D cm)
- Packaging:** One per carton

© 2012 Ohio Medical Corporation.
 This document contains information that is proprietary and confidential to Ohio Medical Corporation. Use of this information is under license from Ohio Medical Corporation. Any use other than that authorized by Ohio Medical Corporation is prohibited.

Ohio Medical Corporation and the Ohio Medical Corporation logo are registered trademarks and Push-To-Set is a trademark of Ohio Medical Corporation.
 U.S. Patent #6,623,463 (Push-To-Set™ Vacuum System)

Puritan Bennett is a registered trademark of Nellcor Puritan Bennett LLC.
 Schrader is a registered trademark of Schrader-Bridgeport International, Inc.
 Chemetron and Medstar are registered trademarks of Allied Healthcare Products, Inc.

Parts Configuration

Push-To-Set™ Series

87XX - XXXX - 9XX

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. MedStar®	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

3-Mode Continuous	1324
2-Mode Continuous	1325
3-Mode High Continuous	1326
2-Mode High Continuous.....	1430
2-Mode Pediatric Continuous ...	1325
2-Mode Neonatal Continuous...	1430

Colors	Yellow	Blue	Pink	Red	Lt. Blue	Purple
3-Mode Standard	1424	1524	1624	1724	1824	1924
3-Mode High	1426	1526	1626	1726	1826	1926
2-Mode Standard	1425	1525	1625	1725	1825	1925
2-Mode High	1530	1630	1730	1830	1930	2030
2-Mode PED	1434	1534	1634	1734	1834	1934
2-Mode NEO	1431	1531	1631	1731	1831	1931