

Continuous Vacuum Regulator (ANSI) 4700/5700 Series

DESCRIPTION AND APPLICATION

Ohio Medical® Continuous Vacuum Regulators (CVR) provide regulated, continuous suction for tracheal and pharyngeal airway management, surgical procedures, and continuous naso-gastric drainage. The Continuous Vacuum Regulator is compact, lightweight and specially designed to be both durable and serviceable. An industry standard, it includes several models and convenient features designed to improve suctioning procedures and enhance clinical practice throughout the hospital. Modular design makes maintenance and repairs both quick and easy.

The Three Mode, Two Mode and High Continuous models provide adjustable vacuum from zero to full-line vacuum. Both the Three Mode Standard and High units offer a MAX mode which provides unrestricted full-line vacuum for emergencies. Both the Three Mode and Two Mode units feature a large 0-200 mmHg range gauge with color-coded low, medium, high and full-vac ranges. Each gauge has glow-in-the-dark increments and needle. The High model is also color-coded for high vacuum and reports the full range of available vacuum from 0 -760 mmHg.

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

- **Compact and Lightweight**
Easy to handle
Reduces stress on outlet
- **Mode Selector Toggle Switch**
Positive action toggle
Easy to grasp and use
Optional MAX Mode
- **Suction Control Knob**
Easy to grasp, adjust and clean
Molded one-piece construction
- **Positive Pressure Safety Relief Valve**
Vents positive pressure to protect patient and regulator if accidentally connected to pressurized gas (O₂, air, etc.)
- **Modular Components**
Simplifies service procedures
Low cost replacement parts and kits
- **Strong, Break-Resistant Case**
Minimizes cracking, crazing
Durable
Gas sterilizable
- **Full Three-Year Parts and Labor Warranty**
- Industry-first modular design with plug and play parts dating from 1972



5700 Series



4700 Series

Standard Two Mode Continuous

- 0-200 mmHg



5700 Series



4700 Series

Standard Three Mode Continuous

- 0-200 mmHg



5700 Series



4700 Series

High Three Mode Continuous

- 0-760 mmHg

Standard Three Mode Continuous

- Modes: I (ON), O (OFF), MAX
- Gauge: Standard (0-200 - Full Vac)
- Color Band: Low, Medium, High & Full Vac
- Regulated Vacuum: 0 - Full Vac
- Instantaneous MAX Vacuum mode

Standard Two Mode Continuous

- Modes: I (ON), O (OFF)
- Gauge: Standard (0-200 - Full Vac)
- Color Band: Low, Medium, High & Full Vac
- Regulated Vacuum: 0 - Full Vac

High Continuous

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

Ordering Options

Available in various configurations to include Probes for connection to source vacuum. Also available with options for collection devices and overflow safety protection.

SPECIFICATIONS*

Flow Rate

0-80 Lpm without fittings at full increase

Gauge Accuracy

± 5% Full Scale Deflection

Dimensions

5.7" H x 3.0" W x 3.8" D
(17.8 x 7.62 x 10.16 cm)

Weight

11 oz. (0.289 Kg)

Warranty

Three Year

Standards

Conforms to ISO 10079-3 and ASTM F960

* Specifications are nominal, subject to change without notice.

PURCHASING SPECIFICATIONS

Continuous Vacuum Regulator with Standard, Low Vac or High Vac gauge for use with all common suction therapy procedures. Regulator shall provide continuous, regulated suction from a piped vacuum system. Gauge is calibrated in mmHg with glow-in-the-dark increments and needle and is protected with a snap-fit lens. Suction Control Knob is large and unobstructed. Mode Selector Switch has a toggle action for easy, positive selection which shows the selected mode from a distance. Components are modular for ease of replacement. Vacuum regulator is compact, lightweight and made of strong, break-resistant plastic. It shall be equipped with specified adapter, fitting and accessories. Regulator Module and Gauge are interchangeable with Ohio Medical Intermittent Suction Unit (ISU).

SHIPPING INFORMATION

Shipping Weight

1 lb. 6 oz. (0.62 Kg) less fittings and adapters

Package Size

10.3" H x 7.8" W x 6.8" D
(26 H x 19.6" W x 17 D cm)

Packaging

One per carton

PARTS CONFIGURATOR

XXXX - XXXX - 9XX

Vacuum Regulator

Continuous Vacuum Regulator (White)	57
Continuous Vacuum Regulator (Yellow)	47

Adapter (vacuum source connection)

Ohio 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
Locking Gland, Overflow Safety 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

Vacuum Regulator Type

3-Mode Continuous Vacuum Regulator (ANSI)	1224
2-Mode Continuous Vacuum Regulator (ANSI)	1225
3-Mode High Continuous Vacuum Regulator (ANSI)	1226
2-Mode Pediatric Continuous Vacuum Regulator (ANSI)	1234

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