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**

• Industy-first modular design with plug and play parts dating from 1972
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)

PARTS CONFIGURATOR

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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