

Continuous Vacuum Regulator (ISO Product) 4700/5700 Series

DESCRIPTION AND APPLICATION

Ohio Medical® Continuous Vacuum Regulators provide regulated, continuous suction for tracheal and pharyngeal airway management, surgical procedures, and continuous nasogastric 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 and Two Mode High Continuous models provide adjustable vacuum from zero to full-line vacuum. Both are classified as high vacuum/high flow.

The three mode model offers a MAX mode which provides unrestricted full-line vacuum for emergencies. The low model includes a negative pressure limiting valve to limit maximum negative pressure to 18 kPa (140 mm Hg). The low model is classified as low vacuum, high flow.

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
- **CE marked**
- **Full Three-Year Parts and Labor Warranty**
- **Pressure limiting valve (Low model)**
Limits level of negative pressure at 18 kPa (140 mmHg)
- Industry-first modular design with plug and play parts dating from 1972



High Two Mode
Continuous
5700 Series (White)
4700 Series (Yellow)

High Three Mode
Continuous
5700 Series (White)
4700 Series (Yellow)

- 0-100 kPa gauge
- 0-760 mm Hg gauge



Low Two Mode
Continuous
5700 Series (White)
4700 Series (Yellow)

- 0-20 kPa gauge
- 0-160 mm Hg gauge

High Three Mode Continuous

- Modes: I (ON), O (OFF), MAX
- Gauge Range: Standard 0-100 kPa (0-760 mmHg) - Full Vac
- Regulated Vacuum: 0 - Full Vac
- Instantaneous MAX Vacuum mode

High Two Mode Continuous

- Modes: I (ON), O (OFF)
- Gauge Range: Standard 0-100 kPa (0-760 mmHg) - Full Vac
- Regulated Vacuum: 0 - Full Vac

Low Continuous

- Modes: I (ON), O (OFF)
- Gauge Range: Low Vac 0-21 kPa (0-160 mmHg)
- Regulated Vacuum: 0-18 kPa (0-140 mmHg)
- Safety Relief Valve

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

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

Weight

0.289 Kg (11 oz)

Warranty

Three Year

Standards

Conforms to ISO 10079-3 and ASTM F960

*Note: Specifications are nominal, subject to change without notice.

PURCHASING SPECIFICATIONS

Continuous Vacuum Regulator with 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 with kPa and mm Hg 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 probe, fitting and accessories. Regulator Module and Gauge are interchangeable with Ohio Medical Intermittent Suction unit (ISU).

SHIPPING INFORMATION

Shipping weight:

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

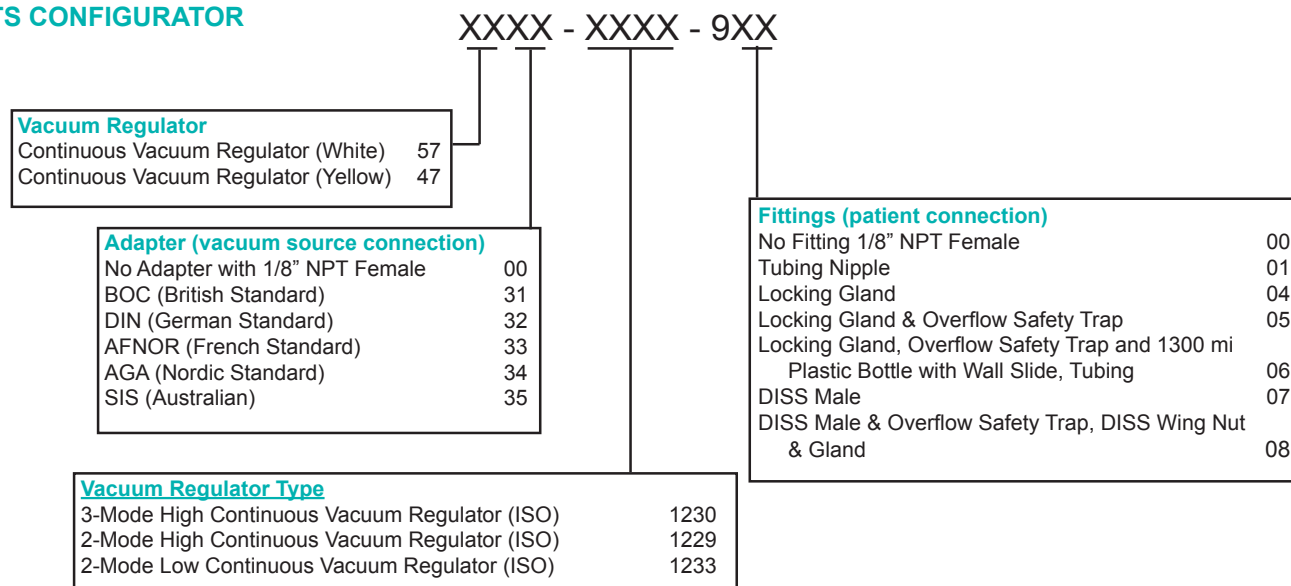
Package Size:

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

Packaging:

One per carton

PARTS CONFIGURATOR



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