5700 Series Intermittent Suction Unit

ISO Product

DESCRIPTION AND APPLICATION

The Ohio Medical® Intermittent Suction Unit is a combination continuous and intermittent regulator for use with hospital pipeline vacuum systems. Product has been an industry standard for decades, launched in 1975. It provides the versatility of an intermittent mode for nasogastric drainage and a continuous mode for tracheal, pharyngeal, or surgical suctioning. In the intermittent mode, the unit uses a pneumatic logic device to alternately turn the suction “ON” and “OFF.” This unique Unilogic Module sets the industry standard for providing a quiet and reliable means of cycling the regulator. The unit is equipped with independent controls to adjust the duration of the “ON” and “OFF” cycles, the level of vacuum, and the rate of flow.

The regulator also provides continuous vacuum, adjustable over the full range of available vacuum, to meet all clinical continuous suction requirements.

The Intermittent Suction Unit is classified as a high vacuum/high flow regulator.

FEATURES AND BENEFITS

• Unilogic Module
  Pneumatic
  Quiet, reliable operation
  Returns to atmospheric pressure during “OFF” cycle

• Fully Adjustable
  Timing cycles
  3 to 30 seconds
  “ON” and “OFF” independently adjustable
  Factory preset at 15 seconds on/8 seconds off (begins in the off mode)

• Flow rates
  (Intermittent) 0 to 13 L/min, preset at 8 L/min (ASTM)
  (Continuous) 0 to 80 L/min (not adjustable)

• Large, Easy to Read Gauge
  Dual scale (kPa and mm Hg)
  6.5 cm (2.5 in) gauge face
  Concave lens cover reduces glare
  Accuracy ± 5% full scale

• Modular Components
  Simplifies service procedures
  Low cost replacement parts and kits

• Durable Design and Construction
  Few mechanical parts
  Rugged, shatter-resistant case

• CE marked

• Full Three year parts and labor warranty

• 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**
- Intermittent – 0-13 L/min (preset at 8 L/min)
- Continuous – 0-80 L/min (not adjustable) without fittings at full increase

**Timing**
- 3 to 30 seconds
- Independent on and off
- Preset 15 seconds on/8 seconds off
- Begins in the “OFF” mode

**Vacuum Range**
- 0 to full range of available vacuum

**Gauge Range**
- 0-26 kPa (0-200 mmHg) and full vacuum

**Gauge Accuracy**
- ± 5% Full Scale Deflection

**Dimensions**
- (H x W x D): 16.8 x 8.9 x 12.2 cm
  (6.6 x 3.5 x 4.8 in)

**Weight**
- 0.781 Kg (1 lb 11oz)

**Warranty**
- Three Year

**Standards**
- Conforms to ISO 10079-3 and ASTM F960

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

**PURCHASING SPECIFICATIONS**

Intermittent Suction Unit (ISU) with mode selection for intermittent, off and continuous suction. Intermittent mode utilizes a pneumatic logic device to cycle the unit automatically, returning the system to atmosphere in the “OFF” cycle and from 0 to Full Vac in the “ON” cycle. Timing cycles are independently adjustable from 3 to 30 seconds. Intermittent flow rate is adjustable from 0 to 13 Lpm, preset at 8 Lpm. Both mode selector and vacuum regular controls are lockable. The regulator module and gauge assembly are interchangeable with the Continuous Vacuum Regulator.

- Dual Modes – intermittent and continuous
- Quiet, reliable operation
- Dependable, time tested gauge and controls
- Provides Full Vac regulation
- Low maintenance, easy to service
- Low cost replacement parts and kits

**SHIPPING INFORMATION**

**Shipping weight:**
- 1.1 Kg (2 lbs 7 oz) less fittings and adapters

**Package Size:**
- (H x W x D): 20.3 x 8.9 x 12 cm
  (8 x 3.5 x 4.7 in)

**Packaging:**
- One per carton

**PART CONFIGURATOR**

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57XX - 1253 - 9XX
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- **Intermittent Suction Unit**

- **Adapter (vacuum source connection)**
  - No Adapter with 1/8” NPT Female: 00
  - British Std (BOC Type): 31
  - German Std (DIN Type): 32
  - French Std (AFNOR Type): 33
  - Nordic Std (AGA Type): 34

- **Fittings (patient connection)**
  - No Fitting 1/8” NPT Female: 00
  - Tubbing Nipple: 01
  - Locking Gland: 04
  - Locking Gland & Overflow Safety Trap: 05
  - Locking Gland, Overflow Safety Trap and 1300 ml Plastic Bottle with Wall Slide, Tubing: 06

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