

5700 Series Intermittent Suction Unit

ANSI Product

DESCRIPTION AND APPLICATION

The Ohio Medical® Intermittent Suction Unit is a combination continuous and intermittent regulator for use with hospital pipeline vacuum systems. This 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**
 - Color coded ranges
 - 5 mmHg increments
 - Glow-in-the-dark gauge increments and needle
 - Accuracy ± 5% full scale
- **Modular Components**
 - Simplifies service procedures
 - Low cost replacement parts and kits



Intermittent Suction Unit (ISU)
• 0-200mm Hg

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

0-200 mmHg and full vacuum

Gauge Accuracy

±10 mmHg
 ± 5% Full Scale Deflection

Dimensions

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

Weight

1 lb 11oz (0.781 Kg)

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:

2 lbs 7 oz (1.1 Kg) less fittings and adapters

Package Size:

(H x W x D): 8 x 3.5 x 4.7 in
 (20.3 x 8.9 x 12 cm)

Packaging:

One per carton

PART CONFIGURATOR

57XX - 1251 - 9XX

Intermittent Suction Unit

Adapter (vacuum source connection)

| | |
|-----------------------------------|----|
| No Adapter with 1/8" NPT Female | 00 |
| 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 ml 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 |

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