

## 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  $\pm$  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 SafetyTrap 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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