DESCRIPTION AND APPLICATION

The Ohio Medical® Intermittent Suction Unit (ISU) is a combination continuous and intermittent regulator for use with hospital pipeline vacuum systems. 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 provides quiet and reliable controlled intermittent suction. 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 mmHg)  
  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**

- **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
0-26.7 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

Applied Standards
ISO 10079-3

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

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

For more information, contact your Ohio Medical sales specialists or authorized agent.

PARTS CONFIGURATION

67XX - 1253 - 9XX

WALL CONNECTION
No Adapter with 1/8” NPT Female 00
British BOC 31
German DIN 32
French AFNOR 33
Scandinavian AGA 34
Australian SIS 35

ADULT INTERMITTENT SUCTION UNIT

PATIENT CONNECTION
No Fitting with 1/8” NPT Female 00
Tubing Nipple 01
Locking Gland 04
Locking Gland & Overflow Safety Trap 05

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