Intermittent Suction Unit Pediatric

DESCRIPTION AND APPLICATION

The Ohio Medical Pediatric Intermittent Suction Unit (PED-ISU) is a medical suction device designed to deliver continuous or intermittent controlled vacuum from a hospital pipeline vacuum system. It provides the versatility of an intermittent mode for nasogastric drainage and a continuous mode for tracheal, pharyngeal, or surgical suctioning. The Pediatric model is designed to prevent vacuum adjustment above a preset vacuum limit level. This device is ideal for neonatal and pediatric patients or sensitive applications where limiting the peak vacuum level is important. The intermittent mode uses a pneumatic logic device to turn the suction “ON” and “OFF” automatically. This unique Unilogic Module provides quiet and reliable controlled intermittent suction. The Pediatric model is adjustable from 0-150 mmHg, to meet most low clinical suction requirements. It also contains a positive pressure relief valve to reduce potential injury to the patient and equipment if momentarily attached to a positive pressure gas source.

The Pediatric Intermittent Suction Unit is a low vacuum/high flow regulator.

FEATURES AND BENEFITS

- Baby Icon indicates Pediatric/Limited Model
- Vacuum Control
  - Fully adjustable vacuum level from 0-150 mmHg
  - Peak vacuum limit adjustable from 80-150 mmHg, factory preset to 135 mmHg
- Unilogic Timing Module
  - Pneumatic, quiet, reliable operation
  - Returns to atmospheric pressure during “OFF” cycle
  - Timing cycles
    - Independently adjustable 3 to 30 seconds “ON” and “OFF” cycles
    - 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
  - 5 mmHg increments
  - Accuracy ± 5% full scale
- Positive pressure and safety relief valve
- 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 adapters 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 per ASTM)
- 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**
- 0-20.0 kPa (0-150 mmHg)

**Gauge Range**
- 0-21.3 kPa (0-160 mmHg)

**Gauge Accuracy**
- ±10 mmHg or ±5% Full Scale Deflection

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

**Weight**
- 1 lb 12oz (0.793 Kg)

**Applied Standards**
- ISO 10079-3

* Specifications are nominal, subject to change without notice.

**SHIPPING INFORMATION**

**Shipping Weight**
- 2 lbs 8 oz (1.1 Kg) less fittings and adapters

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

**Packaging**
- One per carton

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**Parts Configuration**

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**67XX - 1273 - 9XX**

- Adapter (vacuum source connection)
  - No Adapter with 1/8” NPT Female...........00
  - British Standard (BOC Type)...............31
  - German Standard (DIN Type).............32
  - French Standard (AFNOR Type)........33
  - Nordic Standard (AGA Type)...........34
  - Australian Type (SIS)...................35

- Fittings (patient connection)
  - No Adapter with 1/8” NPT Female...........00
  - Tubing Nipple ..................................01
  - Locking Gland.................................04
  - Locking Gland & Overflow Safety Trap.....05

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**Pediatric Intermittent Suction Unit**