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 timing 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**
  - Color coded ranges
  - 5 mmHg increments
  - Glow-in-the-dark gauge increments and needle
  - 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
- **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.
TECHNICAL 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
0-150 mmHg

Gauge Range
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)

F.O.B. Point
Gurnee, IL

Applied Standard
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

Terms
Net 30 days

PARTS CONFIGURATION

67XX - 1271 - 9XX

Adapter (vacuum source connection)
No Adapter with 1/8” NPT Female..00
Diamond..........................01
DISS Hand-i-Twist (HIT)..............02
DISS Nut & Gland..........................03
Chemetron® Rectangle Striker (NCG) ....05
Puritan Bennett®..........................07
90° Tubing Nipple .........................11

Fittings (patient connection)
No Fitting 1/8” NPT Female.................................00
Tubbing Nipple ...........................................01
Locking Gland, 1300 mL Plastic Bottle..................03
Locking Gland...........................................04
Locking Gland & Overflow Safety Trap...............05
Locking Gland, Overflow Safety Trap, 1300 mL Plastic Bottle with Wall Slide, Tubing ..........06
DISS Male...........................................07
DISS Male & Overflow Safety Trap, DISS Wing Nut & Gland...08

Pediatric Intermittent Suction Unit

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Ohio Medical LLC
1111 Lakeside Drive
Gurnee, IL 60031 USA
866.549.6446 | ohiomedical.com
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