**DESCRIPTION AND APPLICATION**

The Ohio Medical® Pediatric and Neonatal Push-To-Set™ Digital Intermittent Suction Unit 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 procedures. The Pediatric and Neonatal model is designed to prevent vacuum adjustment above a preset vacuum limit level that may be unsafe. 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 sets the industry standard for quiet, reliable, controlled intermittent suction. The Pediatric model is adjustable from 0-135 mmHg and the neonatal model is adjustable from 0-100 mmHg, to meet most low clinical suction requirements. It also contains a positive pressure relief to reduce potential injury to the patient and equipment if momentarily attached to a positive pressure gas source.

The Pediatric and Neonatal Push-To-Set™ Intermittent Suction Units are a low vacuum/high flow regulator.

**FEATURES AND BENEFITS**

- **EXCLUSIVE!** Patented Push-To-Set™
  - Improves patient safety
  - May prevent inadvertent unregulated suction
  - Simple, one handed operation

- **Baby Icon indicates Pediatric or Neonatal Limited Model**

- **Negative Pressure Relief Valve**
  - Pediatric model is factory preset to 135 mmHg
  - Neonatal model is factory preset to 100 mmHg

- **Unilogic Timing Module**
  - Pneumatic, quiet, reliable operation
  - Returns to atmospheric pressure during “OFF” cycle
  - Independently adjustable 3 to 30 seconds “ON” and “OFF” cycles
  - Factory preset at 15 seconds on/8 seconds off (± 3 seconds)
  - Begins in the “ON” mode

- **Flow Rates**
  - (Intermittent) Preset at 8 L/min (ASTM)
  - (Continuous) 0 to 80 L/min (without fittings at full increase)

- **Large, Easy to Read Gauge**
  - Color coded ranges: Low(green), Medium(yellow), High(orange)
  - Analog: Familiar, industry-standard analog design
  - Digital: Unmatched accuracy for greater safety: ± 1% of full scale

- **Safety Features**
  - Push-to-Set™ automatic occlusion design
  - Positive pressure safety relief valve

- **Modular Components**
  - Common components reduce service part inventory
  - Simplifies service procedures
  - Low cost replacement parts and kits

- **Durable Design and Construction**
  - Few mechanical parts
  - Rugged, shatter-resistant case
  - Corrosion & Lubrication Free
  - Service-free backplate

- **Ordering Options**
  - Available in various configurations including 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
- Easily adjustable silent ON/OFF
- Factory settings, Intermittent Timing: 15 seconds ON/8 seconds OFF (±3 seconds)
- Begins in the “ON” mode

Vacuum Range: 0-135 mmHg (Pediatric)
0-100 mmHg (Neonatal)

Gauge Range: Analog: 0-160 mmHg (Pediatric & Neonatal)
Digital: 0-160 mmHg (Pediatric)
0-100 mmHg (Neonatal)

Gauge Accuracy
- Digital: 1.6 mmHg or ± 1% full scale deflection (Pediatric)
- 1.0 mmHg or ± 1% full scale deflection (Neonatal)
- Analog: ± 8 mmHg or ± 5% full scale deflection

Gauge Display:
- Analog: Glow in the dark in low or no light environments
- Digital: Large, easy to read display with range indicators

Dimensions: 16.5 x 7.1 x 12.2 cm
(6.5” H X 2.8” W X 4.8” D)

Weight: 1 lb 4oz (0.57 kg) less fittings and adapters

Battery: Primary Lithium: 2/3AA, 3.6V, 1.6 Ah

F.O.B. Point: Gurnee, IL

Applied Standard: ASTM F960

* Specifications are nominal, subject to change without notice. Please see “Instructions for Use” manual for the most current regulated vacuum ranges.

SHIPPING INFORMATION

Shipping Weight: 0.77 Kg (1 lb 11 oz) less fittings and adapters

Package Size: 16.5 x 26.67 x 20.32 cm
(6.5” H x 10.5” W x 8” D)

Packaging: One per carton

Parts Configuration

**Push-To-Set™ Series**

**Adapter (vacuum source connection)**
- No Adapter with 1/8” NPT Female…….00
- DISS Hand-I-Twist (HIT)…………………02
- Chemetron Rectangle Striker (NCG)…..05

**Fittings (patient connection)**
- No Fitting 1/8” NPT Female…………………………………………00
- Tubbing Nipple ………………………………………………………01
- Locking Gland…………………………………………………………04
- Locking Gland & Overflow Safety Trap…………………05
- DISS Male ………………………………………………………………07
- DISS Male & Overflow Safety Trap, DISS Wing Nut & Gland…..08

**Push-To-Set™ Analog Intermittent Suction Unit**

**Pediatric Analog**
- 1271 Off-White* R271 Red
- Y271 Yellow L271 Lt. Blue
- B271 Blue U271 Purple
- K271 Pink

**Neonatal Analog**
- 1371 Off-White* 1771 Red
- 1471 Yellow 1871 Lt. Blue
- 1571 Blue 1971 Purple
- 1671 Pink

**Push-To-Set™ Digital Intermittent Suction Unit**

**Pediatric Digital**
- 1279 Off-White* R279 Red
- Y279 Yellow L279 Lt. Blue
- B279 Blue U279 Purple
- K279 Pink

**Neonatal Digital**
- 1372 Off-White* 1772 Red
- 1472 Yellow 1872 Lt. Blue
- 1572 Blue 1972 Purple
- 1672 Pink

*Standard Color

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U.S. Patent #6,623,463 (Push-To-Set™ Vacuum System)