Push-To-Set™ Digital Intermittent Suction Unit
(ISO/CE) Pediatric/Neonatal

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. 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 0-18.0 kPa (0-135 mmHg) and the Neonatal model is adjustable from 0-13.3 kPa (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 18.0 kPa (135 mmHg)
  Neonatal model is factory preset to 13.3 kPa (100 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
  (± 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
  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

• CE marked

• 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 setting Intermittent Timing: 15 seconds ON/8 seconds OFF (±3 seconds)
- Begins in the “ON” mode

### Vacuum Range
- **Pediatric**
  - 0-18.0 kPa (0-135 mmHg)
- **Neonatal**
  - 0-13.3 kPa (0-100 mmHg)

### Gauge Range
- **Pediatric**
  - 0-21.3 kPa (0-160 mmHg)
- **Neonatal**
  - 0-13.3 kPa (0-100 mmHg)

### Gauge Accuracy
- ±1% of Full Scale (1.6 mmHg) Pediatric
- ±1% of Full Scale (1.0 mmHg) Neonatal

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

### Weight
- 0.57 Kg (1 lb 4oz) less fittings and adapters

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

### F.O.B. Point
- Gurnee, IL

### Applied Standards
- ASTM F960 and ISO 10079-3

* 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

### Adapter (vacuum source connection)
- No Adapter with 1/8” NPT Female
- BOC Type (British Standard)
- DIN Type (German Standard)
- AFNOR Type (French Standard)
- AGA Type (Nordic Standard)

### Fittings (patient connection)
- No Fitting 1/8” NPT Female
- Tubbing Nipple
- Locking Gland
- Locking Gland & Overflow Safety Trap
- Locking Gland, Overflow Safety Trap, 1300 ml Plastic Bottle with Wall Slide, Tubing

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

#### Pediatric
- 6373 Off-White*
- 6Y73 Yellow
- 6B73 Blue
- 6L73 Pink
- 6R73 Red
- 6L73 Lt. Blue
- 6U73 Purple

#### Neonatal
- 6372 Off-White*
- 6Y72 Yellow
- 6B72 Blue
- 6K72 Pink
- 6R72 Red
- 6L72 Lt. Blue
- 6U72 Purple

*Standard Color