

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

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.



Digital Push-To-Set™ Pediatric Intermittent Suction Unit



Digital Push-To-Set™ Neonatal Intermittent Suction Unit

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

0-18.0 kPa (0-135 mmHg) Pediatric
 0-13.3 kPa (0-100 mmHg) Neonatal

Gauge Range

0-21.3 kPa (0-160 mmHg) Pediatric
 0-13.3 kPa (0-100 mmHg) Neonatal

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

87XX - XXXX - 9XX

Push-To-Set™ Series

Adapter (vacuum source connection)

No Adapter with 1/8” NPT Female.....	00
BOC Type (British Standard).....	31
DIN Type (German Standard).....	32
AFNOR Type (French Standard).....	33
AGA Type (Nordic Standard).....	34

Fittings (patient connection)

No Fitting 1/8” NPT Female.....	00
Tubbing Nipple.....	01
Locking Gland.....	04
Locking Gland & Overflow Safety Trap.....	05
Locking Gland, Overflow Safety Trap, 1300 ml Plastic Bottle with Wall Slide, Tubing.....	06

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

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

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 255452 (Rev. 5, 01/2017)