Push-To-Set™ Pediatric/Neonatal Intermittent Suction Unit, Digital and Analog (ANSI)

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, surgical suctioning or C.A.S.S. 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 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: 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



Push-To-Set[™] Pediatric Digital Intermittent Suction Unit (8700-1371-900)



Push-To-Set[™] Neonatal Digital Intermittent Suction Unit (8700-1372-900)



Push-To-Set[™] Pediatric Analog Intermittent Suction Unit (8700-1271-900)



Push-To-Set[™] Neonatal Analog Intermittent Suction Unit (8700-1279-900)

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 eady 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

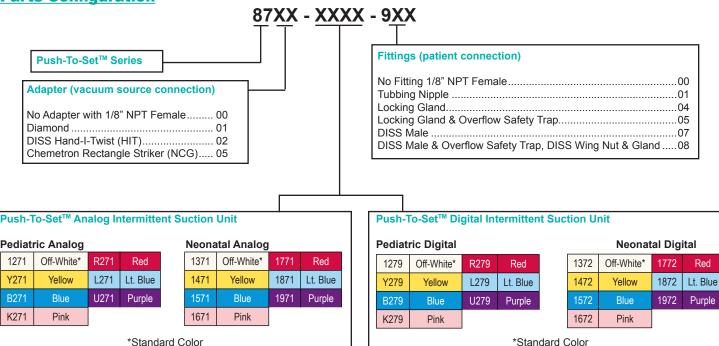
Shipping Weight: 0.77 Kg (1 lb 11 oz) less fittings and adapters

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



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



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