

Push-To-Set™ Adult Intermittent Suction Unit Digital and Analog (ANSI)

DESCRIPTION AND APPLICATION

The Push-To-Set™ Intermittent Suction Unit exceeds clinical expectations in medical suction procedures, by offering technology breakthroughs plus the quality and simplicity you are accustomed to receiving from Ohio Medical Corporation's products. It retains the unique, patented unilogic module which provides a reliable, quiet means of cycling the regulator on and off during intermittent suctioning. It also offers dual modes to provide the option of an intermittent mode for nasogastric drainage or C.A.S.S. procedure and a continuous mode for tracheal, pharyngeal or surgical suctioning.

The Push-To-Set™ Intermittent Suction Unit has an ergonomic design that contains two new exclusive safety features that simplify processes, minimize clinical errors and increase product performance. The patented Push-To-Set™ mechanism automatically establishes a vacuum limit with each vacuum level setting in both continuous and intermittent modes. A unique dual-spring regulator module ensures precision in the critical care range (0-200 mmHg) while also providing fast adjustment (2 turns) up to full wall vacuum for emergency resuscitation procedures.

FEATURES AND BENEFITS

- **EXCLUSIVE!** Patented Push-To-Set™
Improves patient safety
May prevent inadvertent unregulated suction
Simple, one handed operation
- **EXCLUSIVE!** Quick-to-Max
Faster adjustment (2 turns from zero) to full available wall vacuum for emergency situations
- **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
- **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

Safety Features

Push-To-Set™ Automatic occlusion device
Quick-to-Max (2 turns to full wall vacuum)

Flow Rate

Intermittent: 0-16 L/min (preset at 8 L/min per ASTM)
Continuous: 0-80 L/min (not adjustable) without fittings
at full increase

Timing

Easily adjustable without cover or gauge removal
Silent ON/OFF
Factory setting, Intermittent Timing: 15 seconds ON; 8 seconds
OFF (±3 seconds)
Begins in the "ON" mode

Vacuum Range: 0 to 200 mmHg and full wall vacuum

Gauge Accuracy:

±10 mmHg or ± 5% full scale deflection (Analog)
± 2.0 mmHg or ± 1% full scale deflection (Digital)

Gauge Display:

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

Battery (Digital): Primary Lithium: 2/3AA, 3/6V, 1/6 Ah

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

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

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

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

Packaging: One per carton

Terms: net 30 days

Parts Configuration

87XX - XXXX - 9XX

Push-To-Set™ Series

Adapter (vacuum source connection)

No Adapter with 1/8" NPT Female.....	00
Diamond	01
DISS Hand-I-Twist (HIT).....	02
DISS Nut & Gland.....	03
Schrader	04
Chemetron Rectangle Striker (NCG).....	05
Puritan-Bennett.....	07
O.E.S. Twist.....	08
O.E.S. Med Star	09
90° Tubing Nipple	11

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
Pole Mount Bracket with Locking Gland & Overflow Safety Trap ..	28
Pole Mount Bracket with Tubbing Nipple.....	29

Push-To-Set™ Adult Intermittent Suction Unit

Analog:

1251	Off-White*	R251	Red
Y251	Yellow	L251	Lt. Blue
B251	Blue	U251	Purple
K251	Pink		

Digital:

1351	Off-White*	1751	Red
1451	Yellow	1851	Lt. Blue
1551	Blue	1951	Purple
1651	Pink		

*Standard color

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