

# Push-To-Set™ Adult Digital Intermittent Suction Unit (ISO/CE)

## DESCRIPTION AND APPLICATION

The Push-To-Set™ Digital Intermittent Suction Unit (DPTS-ISU) exceeds clinical expectations in medical suction procedures, by offering technology breakthroughs plus the quality and simplicity you are accustomed to receiving from Ohio Medical'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 and a continuous mode for tracheal, pharyngeal or surgical suctioning.

The PTS-ISU has an ergonomic design that contains two exclusive safety features that simplify processes, minimize clinical errors and increases 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 (0-26.7 kPa/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:  
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
- **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\*

### 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 Silent ON/OFF  
Preset 15 seconds ON; 8 seconds OFF (±3 seconds)  
Begins in the "ON" mode

### Vacuum Range

0 to 26.7 kPa (0 to 200 mmHg and full wall vacuum)

### Gauge Accuracy

±1% of full scale (2.0 mmHg)

### 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

**F.O.B. Point:** Gurnee, IL

\* Specifications are nominal, subject to change without notice. Please see "Instructions for use" manual for the most current regulated vacuum ranges.

### Applied Standards

ISO 10079-3 and ASTM F960

## 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

**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
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

1353	Off-White*	1753	Red
1453	Yellow	1853	Lt. Blue
1553	Blue	1953	Purple
1653	Pink		

\*Standard Color

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