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

DESCRIPTION AND APPLICATION

The Push-To-Set™ Intermittent Suction Unit (PTS-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 increase product performance. The patented Push-To-Set™ mechanism automatically establishes a vacuum limit with each vacuum level setting or change in both continuous and intermittent modes. A unique dual-spring regulator module ensures precision in the critical care range (0-26.7kPa/0-200 mmHg) while also providing fast adjustment (2 turns from zero) up to full available 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

- **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.
**SPECIFICATIONS**

### Safety Features
- Push-To-Set™ Automatic occlusion device
- Quick-to-Max (2 turns to full available 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
- 0-26.7 kPa (0 to 200 mmHg) and full available wall vacuum

### Gauge Accuracy
- ± 5% Full Scale Deflection or ± 1.3 kPa (10 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

### Applied Standards
- ISO 10079-3 and 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

---

**Part Configurator**

```
87XX - XXXX - 9XX
```

- **Push-To-Set™ Series**
- Adapter (vacuum source connection)
  - No Adapter with 1/8” NPT Female...........00
  - British Standard (BOC Type) ...............31
  - German Standard (DIN Type) ...............32
  - French Standard (AFNOR Type) ............33
  - Nordic Standard (AGA Type) .............34
  - Australian Type (SIS) .....................35

- **Fittings (patient connection)**
  - No Adapter with 1/8” NPT Female..........00
  - Tubing Nipple ..................................01
  - Locking Gland.................................04
  - Locking Gland & Overflow Safety Trap....05

- **Push-To-Set™ Intermittent Suction Unit**
  - 1253 Off-White*
  - Y253 Yellow
  - S253 Blue
  - K253 Pink
  - R253 Red
  - L253 Lt. Blue
  - U253 Purple

*Standard Color

---

©2019 Ohio Medical LLC. All rights reserved. This document contains information that is proprietary and confidential to Ohio Medical LLC. Use of this information is under license from Ohio Medical LLC. Any use other than that authorized by Ohio Medical LLC is prohibited. Ohio Medical and the Ohio Medical logo are registered trademarks and Push-To-Set is a trademark of Ohio Medical LLC. U.S. Patent #6,623,463 (Push-To-Set™ Vacuum System).

---

EMERGO EUROPE
Prinsessegracht 20 2514 AP The Hague The Netherlands

AUSTRALIAN SPONSOR: EMERGO AUSTRALIA
Level 20, Tower II Darling Park 201 Sussex Street Sydney, NSW 2000 Australia

©2019 Ohio Medical LLC. All rights reserved. This document contains information that is proprietary and confidential to Ohio Medical LLC. Use of this information is under license from Ohio Medical LLC. Any use other than that authorized by Ohio Medical LLC is prohibited. Ohio Medical and the Ohio Medical logo are registered trademarks and Push-To-Set is a trademark of Ohio Medical LLC. U.S. Patent #6,623,463 (Push-To-Set™ Vacuum System).

---

255422 (Rev. 8.1) 08/19

1111 Lakeside Drive Gurnee, IL 60031 USA
866.549.6446 | ohiomedical.com