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

• 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 × 7.1 × 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

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* R253 Red
Y253 Yellow L253 Lt. Blue
B253 Blue U253 Purple
K253 Pink

*Standard Color