

# Intermittent Suction Unit Pediatric

## DESCRIPTION AND APPLICATION

The Ohio Medical® Pediatric Intermittent Suction Unit (PED-ISU) 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, or surgical suctioning. The Pediatric model is designed to prevent vacuum adjustment above a preset vacuum limit level. 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 Module provides quiet and reliable controlled intermittent suction. The Pediatric model is adjustable from 0-150 mmHg, to meet most low clinical suction requirements. It also contains a positive pressure relief valve to reduce potential injury to the patient and equipment if momentarily attached to a positive pressure gas source.

The Pediatric Intermittent Suction Unit is a low vacuum/ high flow regulator.

## FEATURES AND BENEFITS

- **Baby Icon indicates Pediatric/Limited Model**
- **Vacuum Control**  
Fully adjustable vacuum level from 0-150 mmHg  
Peak vacuum limit adjustable from 80-150 mmHg, factory preset to 135 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 (begins in the off mode) Flow rates
- **Flow Rates**  
Intermittent: 0 to 13 L/min, preset at 8 L/min (ASTM)  
Continuous: 0 to 80 L/min (not adjustable)
- **Large, Easy to Read Gauge**  
5 mmHg increments  
Accuracy ± 5% full scale
- **Positive pressure and safety relief valve**
- **Modular Components**  
Simplifies service procedures  
Low cost replacement parts and kits



Pediatric Intermittent Suction Unit

- **Durable Design and Construction**  
Few mechanical parts  
Rugged, shatter-resistant case
- **CE marked**
- **Ordering Options**  
Available in various configurations to include adapters for connection to source vacuum. Also available with options for collection devices and overflow safety protection.

## 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

3 to 30 seconds  
Independent on and off  
Preset 15 seconds on/8 seconds off  
Begins in the “OFF” mode

### Vacuum Range

0-20.0 kPa (0-150 mmHg)

### Gauge Range

0-21.3 kPa (0-160 mmHg)

### Gauge Accuracy

±10 mmHg or ±5% Full Scale Deflection

### Dimensions

6.6” H x 3.5” W x 4.8” D  
(16.8 x 8.9 x 12.2 cm)

### Weight

1 lb 12oz (0.793 Kg)

### Applied Standards

ISO 10079-3

\* Specifications are nominal, subject to change without notice.

## SHIPPING INFORMATION

### Shipping Weight

2 lbs 8 oz (1.1 Kg) less fittings and adapters

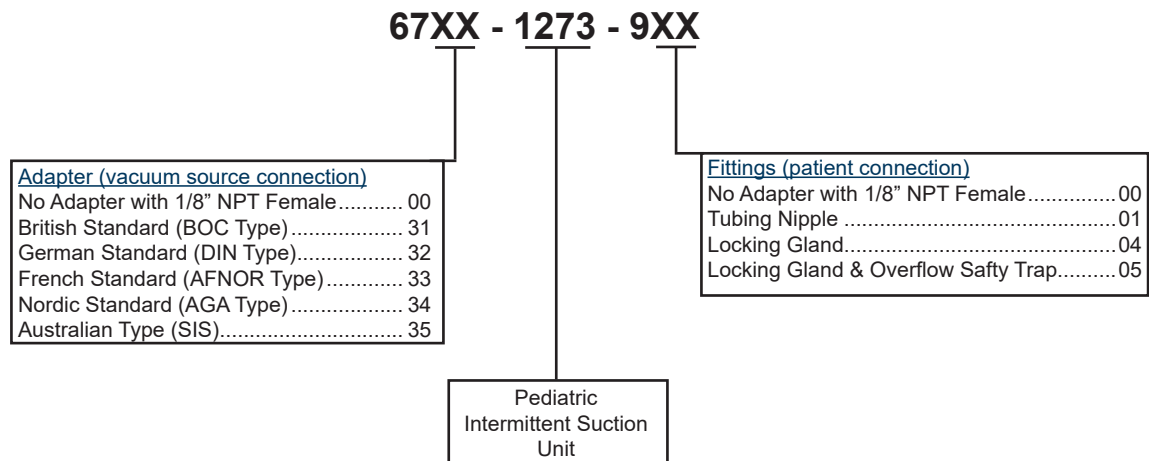
### Package Size

8” H x 3.5” W x 4.7” D  
(20.3 x 8.9 x 12 cm)

### Packaging

One per carton

## Parts Configuration



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