

Overcome the pressure for consistent PEP and IMT therapy.

Respironics HealthScan Asthma & Allergy Products is pleased to provide two Threshold products – Threshold™ PEP and redesigned Threshold® IMT – innovative devices that provide consistent and specific pressure, regardless of how quickly or slowly patients breathe.



Threshold devices incorporate flow-independent one-way valves to ensure consistent resistance and feature adjustable specific pressure settings (in cm H₂O) to be set by healthcare professionals. When patients *exhale* through Threshold™ PEP, the resistive load creates positive pressure that helps open the airways and allows mucus to be expelled during “huff” coughing (forced expiratory technique). Threshold PEP can be used for airway clearance, bronchial hygiene, or as an alternative to chest physical therapy. When patients *inhale* through Threshold® IMT, a spring-loaded valve provides a resistance that exercises respiratory muscles through conditioning.

Similar Features

- Flow-independent one-way valve
- Constant pressure (regardless of patient's airflow) eliminates the need for a pressure indicator
- Clinicians determine pressure settings in cm H₂O
- Pressure is truly adjustable (PEP in 1 cm H₂O; IMT in 2 cm H₂O) and easy to set
- Device can be held in any position for effective therapy and ease of use
- Can be used with mouthpiece or mask
- Easy to clean
- Made of durable, high-impact acrylic
- Unconditional 1-year warranty

Different Indications

Threshold PEP

- Prevents accumulation of secretions
- Improves mobilization of secretions
- Promotes effective breathing patterns and improves gas exchange
- Improves central and peripheral airway function
- Prevents or reverses atelectasis
- Optimizes bronchodilation when combined with respiratory drug delivery for bronchial hygiene therapy via nebulizer or MDI spacer devices

Threshold IMT

- Increases respiratory muscle strength¹
- Increases respiratory muscle endurance¹
- Increases exercise tolerance¹

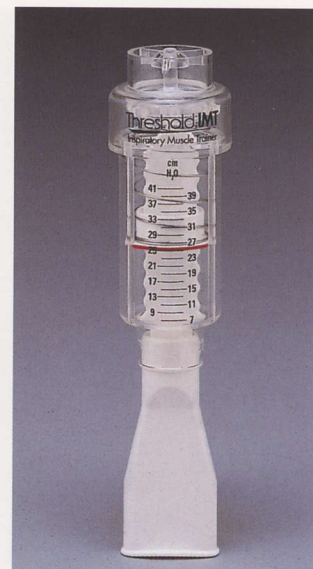


Threshold PEP

Positive Expiratory Pressure Device

Threshold IMT

Inspiratory Muscle Trainer



Performance Data

	Threshold PEP	Threshold IMT
Accuracy	±1 cm H ₂ O	± 2 cm H ₂ O
Reproducibility	± 0.5 cm H ₂ O	± 1 cm H ₂ O

Dimensions

	Threshold PEP	Threshold IMT
Length	5.1"	4.6"
Diameter	1.6"	1.6"
Weight	1.3 oz	1.3 oz

Materials

Main Body	Impact-resistant acrylic
Scale	Hot-stamped, alcohol-resistant
Mouthpiece	Polypropylene
Nose Clip	Polypropylene

Calibration Data

	Threshold PEP	Threshold IMT
Measurement Range	4-20 cm H ₂ O	7-41 cm H ₂ O
Resolution	1 cm H ₂ O	2 cm H ₂ O

Cleaning

After each session, use warm water and a mild liquid detergent to thoroughly clean your Threshold PEP and Threshold IMT and any attachments you have used. Flush clear water through both ends of the device and the attachments in order to rinse them. Shake out excess water and allow to air dry. **DO NOT BOIL OR HEAT.** After allowing the device and attachments to dry completely, store them for your next therapy session.

Life Span Data

Accuracy and reproducibility assured for a minimum of two years (± 1 cm H₂O).

Quality Assurance

100% of Threshold PEP and Threshold IMT units are quality-control inspected at the factory before shipment.

Warranty

Threshold PEP and Threshold IMT are backed by one-year unconditional warranties. Any unit performing unsatisfactorily for any reason during this period will be replaced free of charge by Respironics.

How Supplied

Each Threshold PEP and Threshold IMT unit is packaged in a plastic bag with *Instructions for Use*, mouthpiece, and nose clip.

Ordering Information

Reorder No.	Product Description	Units/Case
HS730	Threshold IMT	10
HS730EU	Threshold IMT (CE marked with labeling in 8 languages)	10
HS735	Threshold PEP	10
HS735EU	Threshold PEP (CE marked with labeling in 8 languages)	10
HS730A	Oxygen Adaptor	10

Caution: Federal law (USA) restricts these devices to sale by or on the order of a physician or licensed healthcare professional.

For indications on PEP therapy refer to AARC Clinical Practice Guideline: Use of Positive Airway Pressure Adjuncts to Bronchial Hygiene Therapy published in *Respiratory Care* 1993;38(5):516.

Reference: 1. Larson JL, Kim MJ, Sharp JT, Larson DA: Inspiratory muscle training with a pressure threshold breathing device in patients with chronic obstructive pulmonary disease (abstract). *Am Rev Res Dis* 1986;133:A100.



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