

AirFeel[®] PEP/OPEP AirFeel[®] IMT

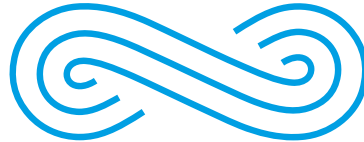
Respiratory physiotherapy made easy.



MADE IN
ITALY

FLAEM[®]
Medical Devices

Medical
Device
Regulation



The **AirFeel® range** is born from the experience of Flaem in the design and manufacturing of high-quality medical devices, and includes our smartest solutions for **respiratory physiotherapy**.

The AirFeel® IMT and AirFeel® PEP/OPEP devices, entirely **Made in Italy**, combine advanced technology and ease of use to help improve lung function.

AirFeel[®] IMT



AIRFEEL® IMT. WHAT IT IS AND WHAT IT IS FOR.

IMT stands for "**Inspiratory Muscle Training**".
AirFeel® IMT is an MDR-compliant medical device that has been specifically developed to improve the **strength** and **endurance of the muscles** involved in inspiration.



Scan with your phone and watch the AirFeel® IMT video

TRAINING TO INHALE.

HOW TO USE IT

Before use, the device must be set up by healthcare personnel or by the patient according to the prescription from their doctor or physiotherapist. The resistance can be set by rotating the central shaft or by acting directly on the mouthpiece to compress or release the internal spring.

HOW IT WORKS

When at rest, the internal spring pushes the valve cap to block airflow. During inhalation, the patient creates a negative pressure that moves the cap, allowing air to pass and providing resistance that strengthens the inspiratory muscles.

INTENDED USES

AirFeel® IMT is indicated for severe respiratory conditions such as COPD, asthma, cystic fibrosis, and heart failure. It is also recommended for post-operative patients, those preparing for surgery, and for use in sports and professional training.

The use of this device is recommended under medical supervision.



AirFeel® IMT

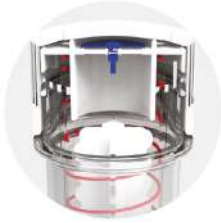
**ADVANCED,
EFFECTIVE,
AUTOCLAVABLE.**

The device is portable,
easy to disassemble,
and sterilize.

It consists of only a few components, including a practical nose clip to optimize breathing exercises.

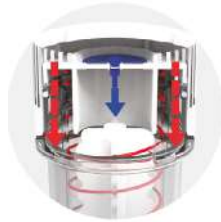
AirFeel® IMT features a **patented design** with a removable cap for more thorough cleaning. It is made of **durable and safe materials** (polypropylene, silicone, and stainless steel) that are suitable for chemical and thermal disinfection and are also autoclavable.





REST POSITION

In the rest position, the spring applies pressure on the valve cap, preventing airflow and ensuring the proper closure of the system.



ADJUSTABLE VALVE ACTIVATION

When the patient breathes, the pressure applied to the valve (blue arrow) causes the cap to slide down and allowing air to pass through (red arrow). The pressure can be adjusted by rotating the central shaft and compressing or releasing the spring.



CERTIFIED MEDICAL-GRADE MATERIALS

The device is made of medical-grade materials: polypropylene, silicone, and stainless steel, that are suitable for cleaning, chemical and thermal disinfection, and are also autoclavable. A practical nose clip is included to complete the equipment, helping to optimize breathing exercises.



OPERATING RANGE
7-67 CM H2O



REMOVABLE CAP
FOR A PERFECT CLEANING



EASY READING
OF THE SET VALUE



EASY PRESSURE
SETTING

AirFeel® PEP/OPEP

AIRFEEL® PEP/OPEP. WHAT IT IS AND WHAT IT IS FOR.

AirFeel® PEP/OPEP is an MDR-compliant medical device that combines **PEP** and **OPEP** technologies to facilitate the mobilization of secretions in the lower airways.



Scan with your phone and watch the AirFeel® PEP/OPEP video

AirFeel® PEP/OPEP



AirFeel® PEP/OPEP



COD: ACO754P

EXHALE WELL TO BREATHE BETTER.

HOW TO USE IT

AirFeel® PEP/OPEP can be used in two modes: **PEP** (Positive Expiratory Pressure) and **OPEP** (Oscillatory Positive Expiratory Pressure).

HOW IT WORKS

Blowing into a device that increases pressure inside the airways helps facilitate mucus expectoration. The AirFeel® PEP/OPEP combines two mechanisms: PEP (Positive Expiratory Pressure) and OPEP (Oscillatory Positive Expiratory Pressure), which allow for two distinct therapies. Both modes are integrated into a single device, and switching between them is extremely easy.

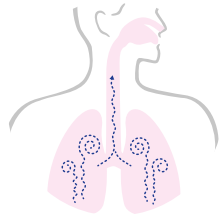
INTENDED USES

AirFeel® PEP/OPEP is indicated for anyone suffering from obstructive airway problems. This includes patients with chronic diseases and reduced lung capacity, bedridden individuals with consequently reduced pulmonary system mobility, and subjects with chronic or non-chronic conditions. In general, the device is suitable for anyone needing to improve breathing capacity by aiding mucus clearance.

The use of this device is recommended under medical supervision.

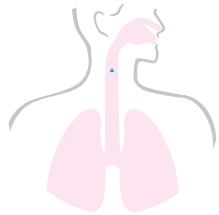
AirFeel® PEP/OPEP

Position | PEP therapy

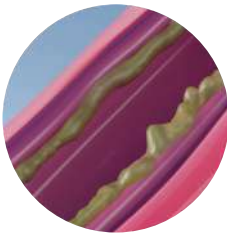


When the knob is turned to the 'closed' position, it locks the inner sphere and directs airflow exclusively through the selected hole on the ring. Breathing resistance can be precisely adjusted across 5 intensity levels. As a positive expiratory pressure (PEP), AirFeel® PEP/OPEP helps to improve lower airway cleaning by promoting collateral ventilation, thereby temporarily increasing the residual functional capacity of the lungs.

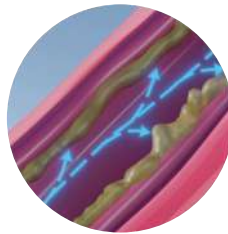
Position | OPEP therapy



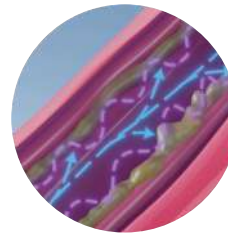
When the knob is rotated to the "open" position, the device performs OPEP therapy, which combines PEP therapy with oscillations. PEP maximizes expiratory airflow and prevents dynamic airway collapse, while the oscillatory airflow reduces the viscoelastic properties of mucus, making it easier to mobilize and remove secretions.



**OBSTRUCTED
AIRWAYS**



PEP THERAPY:
POSITIVE PRESSURE
FACILITATES THE
REMOVAL OF SECRETIONS.



OPEP THERAPY:
VIBRATION FACILITATES
THE REMOVAL OF MUCUS.



**CLEAR
AIRWAYS**

ERGONOMIC ALL IN ONE HAND.

AirFeel® PEP/OPEP is portable, easy to use, and easy to clean.

The inclination of the handle is ergonomically designed to ensure correct and **comfortable use**. It is made of polypropylene and can be safely sterilized. All components are autoclavable. The handle can be removed to store the components of the product, making it easy to transport.



DIFFERENCES BETWEEN AIRFEEL® IMT AND AIRFEEL® PEP/OPEP.

AirFeel® IMT and AirFeel® PEP/OPEP share the same design and safety features but operate through different physiological mechanisms: **inspiration** and **expiration**.

AIRFEEL® IMT



AirFeel® IMT is a device designed for **inspiratory** muscle training. It uses an adjustable resistance to stimulate and strengthen the muscles involved in inspiration, helping to improve respiratory muscle strength and overall breathing capacity.

AIRFEEL® PEP/OPEP



AirFeel® PEP/OPEP is designed for **exhalation** therapy. It combines PEP (Positive Expiratory Pressure) and OPEP (Oscillatory Positive Expiratory Pressure) technologies, promoting mucus clearance, collateral ventilation, and reduction of airway resistance.

COMBINED USES, TO INHALE AND EXHALE BETTER.

AirFeel® IMT can be integrated with the AirFeel® PEP/OPEP device to combine the benefits of expiratory-based **PEP** and **OPEP therapies** with inspiratory-focused **IMT technology**.



AIRFEEL® IMT COMPATIBLE ACCESSORIES

PEP MASK

AirFeel® IMT is compatible with PEP masks featuring a 22M connection.

TRACHEOSTOMY IMPLANTS

AirFeel® IMT is compatible with accessories for tracheostomy implants featuring a 22M connection.



AIRFEEL® PEP/OPEP ACCESSORIES

FLAEM NEBULIZERS

AirFeel® PEP/OPEP can be used in combination with Flaem nebulizers and can be connected to our RF9, RF7 Dual Speed, and RF7 Dual Speed Plus nebulizers.

AIRFEEL® PRO KIT

Thanks to the manometer included in the Pro Kit, medical personnel can monitor both the progress of the therapy and the condition of the patient.

AirFeel Pro Kit: COD. ACO755P | **Single Patient Kit:** COD. ACO775P





AirFeel® PEP/OPEP AirFeel® IMT



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