

medical **products** research



INSPIRATION IN RESPIRATORY THERAPY



FLOW KLEANER

Bronchial secretions suction unit for adult and paediatric patients, incorporated with EFA® technology for an effective airways clearance.

FLOW KLEANER

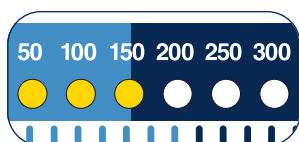
ELECTRONIC SUCTION UNIT

The electronic suction system enables a safe and effective clearance of bronchial tree.



INNOVATION

Digital regulation of vacuum level



FEEDBACK

LED indicator shows vacuum level reached

CONTROL

Electronic sensor monitors the suction vacuum

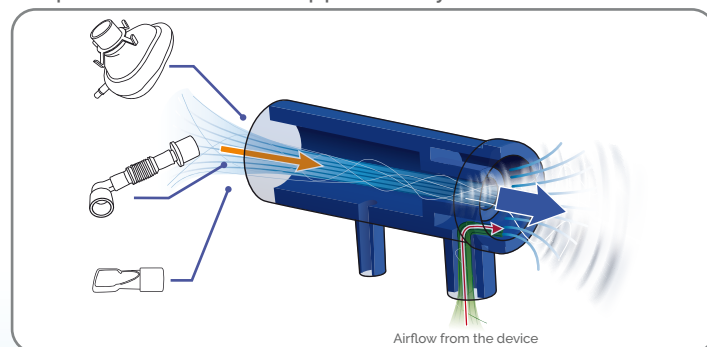


VERSATILITY

Indicated for use in adults and children

EFA® FOR A DEEP AND NON-INVASIVE AIRWAYS CLEARANCE

The EFA® (Expiratory Flow Accelerator) technology incorporated in the system enables deep bronchial secretions to be cleared purely by means of expiratory flow acceleration. Lung secretions are subject to a shear effect generated by acceleration of the airflow and are drained from the deepest districts to the upper airways.



SAFE

No pressure applied

EASY

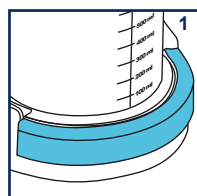
No collaboration required

COMFORTABLE

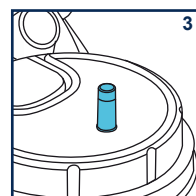
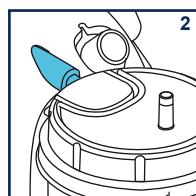
No feeling of discomfort during use

Two operating modes guarantee an optimal clearance throughout the entire bronchial tree.

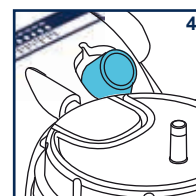
It has been demonstrated that in tracheostomized patients the use of EFA® technology considerably reduces the need for deep suctioning interventions that often cause discomfort to the patient and can sometimes even be harmful. *



1 Blockage system for the collection canister
2 Connection to ensure suction vacuum



3 Connection to the suction circuit
4 EFA® circuit inlet



Technical Data

Suction:

Airflow (high flow): 30L/min
Vacuum level (high vacuum): -50 ÷ 635 mmHg
Battery autonomy: 40min @ -300mmHg
Collection canister capacity: 650ml

EFA®:

Therapy time: 30min

Power supply: 100-240V AC - 50-60Hz;
Internal power source: NiMH (12V - 2200mAh)
Electrical absorption: 120W
Electrical protection class: II
Applied part type: BF
IP protection grade: IP21
Dimension and weight: 32 x 31,5 x 18 cm - 2,6 Kg

Medical Products Research Srl states that FLOW KLEANER is compliant with the DM 93/42/CEE directive, class IIa.

The safety of the device is verified in accordance with the issued international standards.

CE 1936

BUILT-IN BATTERY

COMPACT AND HANDY DESIGN

CONVENIENT FOLDAWAY HANDLE

*Belli et al., A pilot study on the non-invasive management of tracheobronchial secretions in tracheostomised patients, Clinical Respiratory Journal 2019

This technical specification is updated at the printing time and may change according to our policy of continuous improvement. ©MPR srl

Information intended for healthcare professionals

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