

CA-MI

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CATALOGUE 2014

Respiratory Care

Home-Care



Italian Medical Touch

COMPANY PROFILE

CA-MI is a family-run factory founded in the early 80's and committed in the production of electro-medical equipments - among which - AEROSOL DELIVERY SYSTEMS used in aerosoltherapy for the treatment of respiratory pathologies.

The expertise and know-how achieved with over 30 years of experience make today CA-MI in the position to export to more than 90 countries and provide comprehensive answers to medical operators.

The recent acquisition of new and larger premises nearby Parma - in the North of Italy - increased the production capacity and the logistic service to keep pace with the growing demand of its products.

With innovating Italian design, CA-MI piston compressor nebulizers are available in different sizes, configurations and performances to cover all possible applications in the medical field of aerosoltherapy. CA-MI is also one of the most preferred partner in the marketplace for OEM-basis supplies.

Other home-care and professional products such as Incentive Spirometers, Blood Pressure Monitors, Thermometers and Humidifiers complete a vaste range.

Visitors are welcome to meet CA-MI Export Team on occasion of the major international exhibitions such as Medica in Dusseldorf (D) or Arab Health in Dubai (UAE), where we are costantly present with our entire range of medical devices.

QUALITY

Relying on in-house R&D and design departments, all CA-MI compressor nebulizers are manufactured in Italy using state-of-the-art and wear resistant materials, in compliance with UNI EN ISO 9001:2008 and EN ISO 13485:2012 / AC:2012 normatives and carry relevant CE 0123 number certified by German Body TUV SÜD Product Service GmbH.



Aerosol Delivery Systems, Thermal Inhalator, Blood Pressure Monitors, Aneroid and Palm-Type Sphygmomanometers, Thermometers and Pulse Oximeters are classified as Medical Devices in Class IIa, whereas Incentive Spirometers, Antidecubitus Mattress and Stethoscopes are in Class I non-sterile.

	MINIMAX	MIKO	EOLO	LITE
NEB-RATE	0.35 ml/min	0.35 ml/min	0.40 ml/min	0.35 ml/min
MMAD	2.44 μm	2.44 μm	2.44 μm	3 μm
MAX PRESSURE	2.5 bar 36 psi 250 kPa	2.2 bar 32 psi 220 kPa	2.5 bar 36 psi 250 kPa	2 bar 29 psi 200 kPa
MAX FLOW	14 l/min	13 l/min	14 l/min	12 l/min
OPERATING PRESSURE	1.1 bar 16 psi 110 kPa	0.95 bar 13.8 psi 95 kPa	1.1 bar 16 psi 110 kPa	0.8 bar 11.6 psi 80 kPa
OPERATING AIR FLOW	4.8 l/min	4.8 l/min	5 l/min	4 l/min
OPERATION	230V 50Hz	230V 50Hz	230V 50Hz	100-240V 50-60Hz
DUTY CYCLE	Ton: 20min Toff: 40min	NON-STOP	NON-STOP	Ton: 30min Toff: 30min
SIZE (cm)	13 x 10 x 15	14 x 17 x 11	14 x 22 x 12	14 x 9 x 3
WEIGHT (kg)	1.45	1.45	1.65	0.46

	MOBILE	BABY	COMPACT	CLINEB
NEB-RATE	0.35 ml/min	0.70 ml/min	0.50 ml/min	0.50 ml/min
MMAD	3 μm	1 - 10 μm	3.25 μm	3.25 μm
MAX PRESSURE	2 bar 29 psi 200 kPa	ULTRASONIC DEVICE	3.0 bar 43.5 psi 300 kPa	2.5 bar 36 psi 250 kPa
MAX FLOW	12 l/min	ULTRASONIC DEVICE	16 l/min	16 l/min
OPERATING PRESSURE	0.8 bar 11.6 psi 80 kPa	ULTRASONIC DEVICE	1.3bar 18.9 psi 130 kPa	1.3bar 18.9 psi 130 kPa
OPERATING AIR FLOW	4 l/min	ULTRASONIC DEVICE	5.2 l/min	5.2 l/min
OPERATION	100-240V 50-60Hz 12V 8 x Alkaline Batt. - AA size, 1.2V	230V 50Hz Options: Rechargeable Battery	230V 50Hz	230V 50Hz
DUTY CYCLE	Ton: 30min Toff: 30min	Ton: 30min Toff: 30min	NON-STOP	NON-STOP
SIZE (cm)	14 x 9 x 7	6 x 11 x 16	14 x 12 x 24	23 x 15 x 16
WEIGHT (kg)	0.56	1.65	1.60	2.25

GENERAL FEATURES

CA-MI introduce FLO, a line of devices and nebulizers for aerosoltherapy for home-care or hospital use. FLO include various systems composed by main unit (compressor) and jet nebulizer (Hi-Flo) that deliver liquid medications to patient in the form of aerosol respirable at tidal volume with no efforts. The systems available can meet patients different needs of use or guarantee different performances depending on the medication prescribed and include pneumatic systems (piston compressors), miniaturized systems (piston microcompressors), systems for heavy-duty applications and ultrasonic systems.

In developing FLO line, CA-MI focused its attention not only on the design and simplicity of use to increase patient compliance, but mainly on a few key factors that make the aerosoltherapy efficient:

- the speed of nebulization (neb-rate)
- the mean particle size (MMD or MMAD)
- the amount of “respirable” particles (respirable fraction)
- the amount of medication that cannot be nebulized (residual volume)
- the amount of medication wasted during exhalation (wasted volume)

CA-MI introduce the new line of jet nebulizers “Hi-Flo” highly efficient, compatible with any compressor and also available in complete kits for hospital use.



CE 0123

CLINEB is a professional piston compressor nebulizer for aerosoltherapy. Indicated for intensive treatments in clinics or hospitals, its design includes a large compartment for convenient storage of accessories and medications. Provided with pressure gauge and indicator.

STANDARD CONSUMABLES INCLUDED

- HI-FLO Jet Nebulizer
- Adult Masks with elastic strings
- Child Masks with elastic strings
- Mouthpiece
- Nosepiece (non invasive)

- Air Tube
- Air Filter
- Detachable power cord

OPTIONS

- Stand on castors
REF. 27731

TECHNICAL FEATURES

Compressor	Oilless and maintenance-free piston pump
Power Feeding	230V-50Hz - other configurations on request
Power consumption	184 VA
Max Pressure	2.5 bar 36 psi 250 kPa
Operating Pressure	1.30 bar 18.9 psi 130 kPa
Max Air Flow	16 l/min
Operating Air Flow	5,2 l/min
Neb-rate with 4 ml solution	0,50 ml/min
Mass Median Aerodynamic Diameter	3,25 μ m (MMAD) according to EN-13544-1
Respirable Fraction (< 5 μ m)	> 70%
Duty Cycle	Non-stop operation
Noise Level (EN 13544-1 Standard)	Approx. 57 dBA
Weight	2,20 kg
Size (Main Unit)	cm 25 x 19 x 16
Years of Warranty	2
Shipping carton	4
Place of Manufacturing	Italy

Italian
Medical
Touch
MADE IN ITALY

CODE

RE 300550 ————— CLINEB