

# 2021 HEALTHCARE CATALOGUE





Italian  
Medical  
Touch

## COMPANY PROFILE

Located nearby Parma, in the North of Italy, CA-MI is an Italian family-run factory founded in 1984 and committed to the production of electromedical equipments and medical devices in different fields, such as RESPIRATORY CARE, DIAGNOSTICS, REHABILITATION, WELLNESS, BABY CARE, and SUCTION.

The expertise and know-how achieved in over 30 years led CA-MI in the position to export into more than 100 countries and to provide comprehensive answers to the home-care market and medical operators.

*Visitors are welcome to meet the members of the CA-MI Export Team at the major international exhibitions: Medica in Dusseldorf (D), Arab Health in Dubai (UAE), FIME in Miami (USA), Medica Asia in Singapore, where CA-MI is constantly present with the entire range of medical devices.*



ITALIAN QUALITY



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## ITALIAN QUALITY CERTIFIED WORLDWIDE

Relying on in-house R&D and design departments, all CA-MI suction devices and compressor nebulizers are either manufactured or designed in Italy using state-of-the-art and wear resistant materials, in compliance with all the directives in force.

### UNI EN ISO 9001:2015

Quality Management System

### EN ISO 13485:2016

Medical devices - Quality management systems - Requirements for regulatory purposes.

## DEVICES CLASSIFICATION CLASS IIA MEDICAL DEVICES

suction units, aerosol delivery systems, jet nebulizers, inhalators, nasal irrigator, blood pressure monitors, thermometers, finger pulse oximeters.

### CLASS IM WITH FUNCTION OF MEASURE

aneroid and palm-type sphygmomanometers, suction containers, disposable liners and mercury-free clinical thermometers.

### CLASS I NON-STERILE

incentive spirometers, antidecubitus mattress, medical stockings, wheelchairs and walkers, stethoscopes.

*Technical data, equipment and options shown are based on the latest information available at the time of printing and are subject to change without notice.*





## RESPIRATORY AEROSOL DELIVERY SYSTEMS

 made in Italy

## ABOUT AEROSOLTHERAPY

Aerosoltherapy is the **administration of a treatment in the form of aerosol into the respiratory tract** for therapeutic purposes. When medications are not available in aerosol form such as an MDI, but only in solutions, nebulizers can turn the liquid into suspended particles that carry the active principle to the patient by inhalation.

CA-MI manufactures nebulizers with different technologies indicated for the treatment of any respiratory disorder, from **administering physiological/hypertonic solutions** as mucus thinners (mucolytics), to **treating seasonal pathologies** such as cold and cough, and **acute and chronic pathologies** of the upper and lower airways.

## PARAMETERS & TREATMENTS

Different types of treatments can be generated, according to a few parameters, namely:

### MMD OR MMAD

The mean particle size, expressed in micron ( $\mu\text{m}$ )

### NEB-RATE

The speed of nebulization, expressed in ml/min

### RESPIRABLE FRACTION

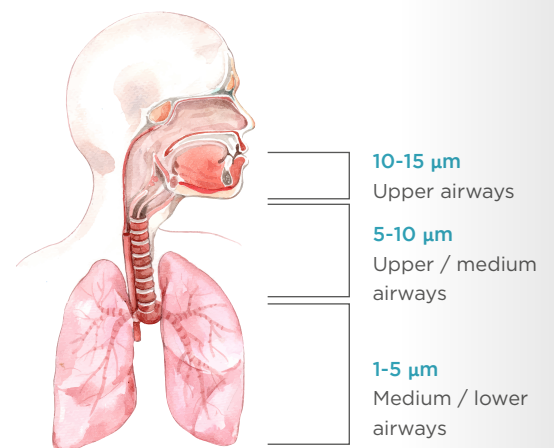
The amount of particles with diameter  $<5\mu\text{m}$

### RESIDUAL VOLUME

The amount of medication that cannot be nebulized

### WASTED VOLUME

The amount of medication wasted during exhalation phase.



The **mean particle size (MMAD)** is particularly important, because depending on diameter of the particles, **different areas of the respiratory tract are reached and thus different pathologies or disorders can be treated.**

## TINY & NOISELESS

CA-MI **vibrating mesh nebulizers** are small hand-held nebulizers that generate the aerosol by a mesh vibrating at high frequency, micronizing the medicine without producing any sound.

A new system which finds more and more applications, not only for children, enjoying the **soundless operation**, but also towards adults, appreciating the **small size, the versatility and the light weight** of this revolutionary aerosol system.

### LONG LASTING BATTERIES

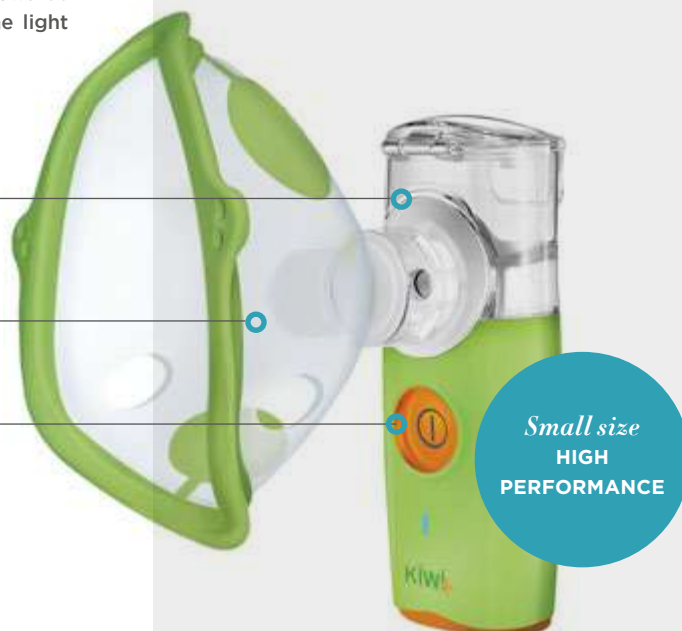
Can administer up to 20 treatment cycles with one charge.

### REDUCED RESIDUAL VOLUME

The amount of drug left in the nebulizer after the treatment is  $<0,1\text{ml}$ .

### AUTO CLEANING FUNCTION

Reduces the risk of annoying clogging of the mesh caused by improper cleaning at the end of each use.



▲ Kiwi+, p. 5



▲ Evolution, p. 6

## A PLACE FOR EACH ACCESSORY

CA-MI always designs its devices with its customers' needs in mind: the aerosol delivery system line includes **handy and compact models** provided with a **carrying bag** for storage of the unit, accessories and medicines, or **table-top models with a built-in compartment** designed for accessories and medicines storage.

## DURABLE & EFFICIENT

CA-MI **compressor nebulizers** are characterized by a main unit, the piston-type compressor, and the jet nebulizer, which is a chamber turning the liquid medicine into aerosol.

CA-MI compressors are approved for **Non-Stop Operation** and do not require any oil lubrication or maintenance, making them suitable for both **prolonged homecare use and intensive professional use in the hospitals**.

Additionally, a specific attention is dedicated to emergency and ambulances: micropiston compressors are placed in miniaturized housings to create devices powered by rechargeable batteries and 12V car adapter.

## SAFE & STABLE

All CA-MI jet nebulizers are made with **safe biocompatible material** which passed stability test with the most prescribed active principles, **guaranteeing that no alteration of the drugs** takes place.

Tested medicines are: *Ambroxol, Salbutamol, Beclometasone Dipropionate, Acetylcysteine and Budesonide*.

## FARMASOL

HOME CARE COMPRESSOR NEBULIZER



### Non-stop operation

The device can work without interruption, in order to guarantee the best performance.



### Compact Design

Ideal for easy handling, equipped with carrying bag for storing accessories and medicines.



### Fast & efficient

Fast HI-FLO Nebulizer, 7ml capacity, takes only 4 minutes with 2,5 ml of drug (0,5ml/min).



### Quiet

Noise level comparable to the volume of a conversation (~60dB(A)).



### Excellent nebulization

MMAD: 3,25  $\mu$ m, respirable fraction >70%

## INCLUDED ACCESSORIES

### HI-FLO

jet nebulizer (see page 10)

### ADULT MASK + CHILD MASK

with elastic strings

### MOUTHPIECE + NOSEPIECE

non-invasive

### AIR TUBE

### AIR FILTER

### POWER CORD

detachable

### CARRYING BAG

for safe storage and transport

PRODUCT CODE RE 300230/01

## KUBYNEB

HOME CARE COMPRESSOR NEBULIZER



### Non-stop operation

The device can work without interruption, in order to guarantee the best performance.



### A place for each accessory

Designed to store accessories and medicines inside the dedicated large compartment



### Fast & efficient

Fast HI-FLO Nebulizer, 7ml capacity, takes only 4 minutes with 2,5 ml of drug (0,5ml/min).



### Quiet

Noise level comparable to the volume of a conversation (~60dB(A)).



### Excellent nebulization

MMAD: 3,25  $\mu$ m, respirable fraction >70%, residual volume: 0,40 - 0,50 ml

## INCLUDED ACCESSORIES

### HI-FLO

jet nebulizer (see page 10)

### ADULT MASK + CHILD MASK

with elastic strings

### MOUTHPIECE + NOSEPIECE

non-invasive

### AIR TUBE

### AIR FILTER

### POWER CORD

detachable

PRODUCT CODE RE 300240



## MINIMAX

HOME CARE COMPRESSOR NEBULIZER



### Small size, high performance

Tiny and handy, yet powerful. Bring it anywhere thanks to its handy carrying bag.



### Fast & efficient

Fast HI-FLO Nebulizer, takes less than 5 minutes with 2,5 ml of drug (0,35 ml/min).



### Quiet

Noise level comparable to the volume of a conversation (~60dB(A)).



### Excellent nebulization

MMAD: 2,44  $\mu$ m, respirable fraction >80%, residual volume: 0,40 - 0,50 ml

## INCLUDED ACCESSORIES

### HI-FLO

jet nebulizer (see page 10)

### ADULT MASK + CHILD MASK

with elastic strings

### MOUTHPIECE + NOSEPIECE

non-invasive

### AIR TUBE

### AIR FILTER

### POWER CORD

detachable

### CARRYING BAG

for safe storage and transport

**PRODUCT CODE** RE 300250



## KIWI+

### MOBILE MESH NEBULIZER



#### Fast & efficient

Second generation mesh nebulizer, 8ml capacity, takes only 6 minutes with 2,5 ml of drug (0,30ml/min).



#### Long lasting batteries

The lithium batteries last up to 1100 hours of operation or 300 charging cycles, making it the ideal device for travelling.



#### Always with you

Tiny and easily transportable thanks to its small size. It can be operated by lithium battery and easily stored.



#### Baby friendly

Easy to hold thanks to its small size and pleasant to hear thanks to its low noise level (38,2dB(A)),



#### High-quality accessories

Equipped with a wide range of accessories with comfortable soft touch finishings.



#### Autocleaning function

Reduces the risk of annoying clogging of the mesh caused by improper cleaning at the end of each use.



#### Excellent nebulization

Fine particle size of 1,51 micron, 93% of which is <5 micron and <0,1ml residual volume.

## INCLUDED ACCESSORIES

### VIBRATING MESH CHAMBER

2<sup>nd</sup> generation

### ADULT MASK + CHILD MASK

with soft touch finishing

### MOUTHPIECE + NOSEPIECE

non-invasive

### CARRYING CASE

for safe storage and transport.

### AC/DC UNIVERSAL POWER ADAPTER

100-240V 50-60Hz

### LITHIUM BATTERY

## MOBILE

### MOBILE MICROCOMPRESSOR NEBULIZER



#### Designed for emergency

Can be powered by batteries or with car adapter.



#### Always with you

Reduced size and weight thanks to miniaturized micropiston compressor system.



#### Quiet

Vibration Reduction System (VRS), with reduced noise and vibration levels (Noise level =50 dB(A)).



#### Suitable for all ages

Can be used by adult and children thanks to the many included accessories.



#### Excellent nebulization

MMAD: 3µm, respirable fraction >75%, residual volume: 0,40 - 0,50 ml.

## INCLUDED ACCESSORIES

### HI-FLO

jet nebulizer (see page 10)

### ADULT MASK + CHILD MASK

with elastic strings

### MOUTHPIECE + NOSEPIECE

non-invasive

### AIR TUBE

### AIR FILTER

### BUILT IN BATTERY CHARGER

### 12V CAR ADAPTER

### UNIVERSAL POWER ADAPTER

### CARRYING BAG

for safe storage and transport

PRODUCT CODE RE 300911

PRODUCT CODE RE 300700



## CLINEB BASIC

PROFESSIONAL AEROSOL DELIVERY SYSTEM



### Heavy duty

A truly powerful piston which can work without any interruption, to guarantee the best professional performance without any interruption.



### A place for each accessory

Designed to store accessories and medicines inside the dedicated large compartment.



### Fast & efficient

Takes only 2:30 minutes with 2 ml of drug (0,8ml/min) at its highest speed.



### Durable materials

Made of sturdy and long lasting ABS plastic.



### Easily transportable

Can be placed on the optional trolley.



### Excellent nebulization

MMAD: 3,25  $\mu$ m, respirable fraction >70%, residual volume: 0,50 - 0,60 ml

## INCLUDED ACCESSORIES

### HI-FLO

jet nebulizer (see page 10)

### ADULT MASK + CHILD MASK

with elastic strings

### MOUTHPIECE & NOSEPIECE

non-invasive

### AIR TUBE

### AIR FILTER

PRODUCT CODE RE 300550/03

## CLINEB PRO

PROFESSIONAL AEROSOL DELIVERY SYSTEM



### Professional Use

Equipped with flow regulator and pressure gauge.



### Heavy duty

A truly powerful piston which can work without any interruption, to guarantee the best professional performance without any interruption.



### Multiple speed

Variable speed HI-4 Jet Nebulizer, 8ml capacity, takes only 2:30 minutes with 2 ml of drug (0,8ml/min) at its highest speed



### A place for each accessory

Designed to store accessories and medicines inside the dedicated large compartment.



### Fast & efficient

Takes only 2:30 minutes with 2 ml of drug (0,8ml/min) at its highest speed.



### Excellent nebulization

MMAD: 3,32 - 4,18  $\mu$ m, respirable fraction >80%, residual volume: 0,40 - 0,60 ml

## INCLUDED ACCESSORIES

### HI-4

4-speed jet nebulizer (see page 10)

### ADULT MASK + CHILD MASK

with elastic strings

### MOUTHPIECE & NOSEPIECE

non-invasive

### AIR TUBE

### POWER CORD

with Schuko plug

PRODUCT CODE RE 300560

## EVOLUTION

PROFESSIONAL AEROSOL DELIVERY SYSTEM



### Professional Use

Equipped with flow regulator and pressure gauge.



### Heavy duty

The only piston-type compressor without air vents that can operate non-stop, meeting the requirements of the most demanding professionals.



### Multiple speed

Variable speed HI-4 Jet Nebulizer, 8ml capacity, takes only 2:30 minutes with 2 ml of drug (0,8ml/min) at its highest speed.



### A place for each accessory

Designed to store accessories and medicines inside the dedicated large compartment.



### Fast & efficient

Takes only 2:30 minutes with 2 ml of drug (0,8ml/min) at its highest speed.



### Excellent nebulization

MMAD: 3,32 - 4,18  $\mu$ m, respirable fraction >80%, residual volume: 0,40 - 0,60 ml

## INCLUDED ACCESSORIES

### HI-4

4-speed jet nebulizer (see page 10)

### ADULT MASK + CHILD MASK

with elastic strings

### MOUTHPIECE & NOSEPIECE

non-invasive

### AIR TUBE

### AIR FILTER

PRODUCT CODE RE 300450

## COMPACT

HOMECARE COMPRESSOR NEBULIZER



### Non-stop operation

The device can work without interruption, in order to guarantee the best performance.



### Fast & efficient

Fast HI-FLO Nebulizer, 7ml capacity, takes only 5 minutes with 2,5 ml of drug (0,5 ml/min).



### A place for each accessory

Designed to store accessories and medicines inside the dedicated large compartment



### Quiet

Noise level as low as 60 dB(A).



### Excellent nebulization

MMAD: 3,25  $\mu$ m, respirable fraction >70%, residual volume: 0,50 - 0,60 ml

## INCLUDED ACCESSORIES

### HI-FLO

jet nebulizer (see page 10)

### ADULT MASK + CHILD MASK

with elastic strings

### MOUTHPIECE + NOSEPIECE

non-invasive

### AIR TUBE

### AIR FILTER

PRODUCT CODE RE 300200

## MIKO

HOME CARE COMPRESSOR NEBULIZER



### Non-stop operation

The device can work without interruption, in order to guarantee the best performance.



### Fast & efficient

Fast HI-FLO Nebulizer, 7ml capacity, takes only 6 minutes with 2,5 ml of drug (0,35 ml/min).



### Compact Design

Ideal for easy handling, equipped with carrying bag for storing accessories and medicines.



### Quiet

Noise level as low as 56 dB(A).



### Excellent nebulization

MMAD: 2,44  $\mu$ m, respirable fraction >80%, residual volume: 0,40 -0,50 ml

## INCLUDED ACCESSORIES

### HI-FLO

jet nebulizer (see page 10)

### ADULT MASK + CHILD MASK

with elastic strings

### MOUTHPIECE + NOSEPIECE

non-invasive

### AIR TUBE

### AIR FILTER

### CARRYING BAG

for safe storage and transport

PRODUCT CODE RE 300600/03

## EOLO

HOME CARE COMPRESSOR NEBULIZER



### Non-stop operation

The device can work without interruption, in order to guarantee the best performance.



### Fast & efficient

Fast HI-FLO Nebulizer, 7ml capacity, takes only 6 minutes with 2,5 ml of drug (0,35 ml/min).



### A place for each accessory

Designed to store accessories and medicines inside the dedicated large compartment



### Quiet

Noise level as low as 55 dB(A).



### Excellent nebulization

MMAD: 2,44  $\mu$ m, respirable fraction >80%, residual volume: 0,40 -0,50 ml

## INCLUDED ACCESSORIES

### HI-FLO

jet nebulizer (see page 10)

### ADULT MASK + CHILD MASK

with elastic strings

### MOUTHPIECE + NOSEPIECE

non-invasive

### AIR TUBE

### AIR FILTER

PRODUCT CODE RE 300400



## HI-4

### FOUR SPEED JET NEBULIZER



#### Professional Performance

Designed with two valves for a greater therapeutical effect of the nebulization.



#### Multiple speed

A speed selector can be set in 4 different positions to increase nebulization speed while maintaining an optimal MMAD.



#### Highly compatible

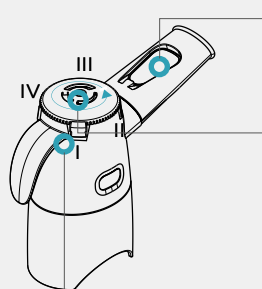
Passed stability test with the most prescribed active principles (Ambroxol, Salbutamol, Beclometasone Dipropionate, Acetylcysteine, Budesonide)



#### Excellent nebulization

8 ml capacity, MMAD ranging from 3,32 to 4,28  $\mu\text{m}$  and neb-rate from 0,40 to 0,80 ml/min, depending on selected speed

## TECHNICAL SPECS



#### EXHALATION VALVE

Opens only during exhalation phase to let the medication out.

#### INHALATION VALVE

Opens only during inhalation, entraining additional ambient air into the chamber increasing dramatically the speed and quantity of delivered medication.

#### SPEED SELECTOR

Four different nebulization speeds.

POS	NEB RATE	MMAD
I	0,40 ml/min	3,32 $\mu\text{m}$
II	0,60 ml/min	4,07 $\mu\text{m}$
III	0,70 ml/min	4,23 $\mu\text{m}$
IV	0,80 ml/min	4,18 $\mu\text{m}$

## AVAILABLE SETS

### RE.300350 | COMPLETE SET IN DISPLAY BOX

HI-4 Jet Nebulizer, Adult and Child Masks with Elastic Strings and Connector, Mouthpiece, Nosepiece, Air Tube

### RE.300350/01 | MOUTHPIECE SET

HI-4 Jet Nebulizer + Mouthpiece in display box

## HI-FLO

### SMALL VOLUME JET NEBULIZER



#### Professional Performance

Double Venturi effect providing fast nebulization.



#### Highly compatible

Passed stability test with the most prescribed active principles (Ambroxol, Salbutamol, Beclometasone Dipropionate, Acetylcysteine, Budesonide)



#### Excellent nebulization

6 ml capacity and high performances depending on operating flow and pressure.

## TECHNICAL SPECS

OPERATING FLOW	MMAD	GSD	OUTPUT	OUTPUT RATE
l/min	$\mu\text{m}$		$\mu\text{l}$	$\mu\text{l}/\text{min}$
4,0	4,25	2,67	313	128
5,0	2,44	2,87	304,7	56,7
5,2	3,25	3,45	257	51,0

Granulometry and output Analysis in accordance with: EN 13544-1.

**FILL VOLUME: 2,5ml 2,5% NaF**

## AVAILABLE SETS

### RE 300300 | HI-FLO SET IN NYLON BAG

HI-FLO Nebulizer, Adult and Child Mask, Mouthpiece, Nosepiece, Air Tube

### RE 300300/09 | HI-FLO SET IN DISPLAY BOX

HI-FLO Nebulizer, Adult and Child Mask, Mouthpiece, Nosepiece, Air Tube

### SP 0165

HI-FLO Nebulizer Chamber (only)

### SP 0165/01

HI-FLO Nozzle (only)

## NASO-FREE

NASAL IRRIGATION NEBULIZER



### Designed for upper airways

Ideal for washing nasal cavities with saline solution, it helps flushing out excess mucus.



### Easy to handle

Ergonomically shaped and easy to handle.



### Suitable for all ages

Can be used by adult and children thanks to the included adaptors.



### Universal

Compatible with all compressor nebulizers.

## INCLUDED ACCESSORIES

ADULT ADAPTOR

CHILD ADAPTOR

PRODUCT CODE DN 100100



RESPIRATORY

DIAGNOSTICS

REHABILITATION

WELLNESS

BABY-CARE

SUCTION



	KUBYNEB	FARMASOL	MINIMAX	MIKO	EOLO
	Homecare	Homecare	Homecare	Homecare	Homecare
TYPE	Oiless and maintenance-free piston pump	Oiless and maintenance-free piston pump	Oiless and maintenance-free piston pump	Oiless and maintenance-free piston pump	Oiless and maintenance-free piston pump
POWER FEEDING	230V-50Hz	230V-50Hz	230V-50Hz	230V-50Hz or 220V-50/60Hz	230V / 50Hz or 220V / 50-60Hz
POWER CONSUMPTION	140 VA	140 VA	170 VA	170 VA	170 VA
MAX PRESSURE	3,0 bar/ 43,5 psi/ 300 kPa	3,0 bar/ 43,5 psi/ 300 kPa	2,5 bar/ 36 psi/ 250 kPa	2,2 bar/ 32 psi/ 220 kPa	2,5 bar/ 36 psi/ 250 kPa
OPERATING PRESSURE	1,3 bar/ 18,9 psi/ 130 kPa	1,3 bar/ 18,9 psi/ 130 kPa	1,1 bar/ 16 psi/ 110 kPa	0,95 bar/ 13,8 psi/ 95 kPa	1,1 bar/ 16 psi/ 110 kPa
MAX AIR FLOW	16 l/min	16 l/min	14 l/min	13 l/min	14 l/min
OPERATING AIR FLOW	5,2 l/min	5,2 l/min	5 l/min	4,8 l/min	5,1 l/min
NEB-RATE	0,50 ml/min	0,50 ml/min	0,35 ml/min	0,35 ml/min	0,40 ml/min
MASS MEDIAN AERODINAMIC DIAMETER (MMAD)*	3,25 µm	3,25 µm	2,44 µm	2,44 µm	2,44 µm
RESPIRABLE FRACTION (< 5 µm)	> 70%	> 70%	> 80%	> 80%	> 80%
DUTY CYCLE	Non-stop	Non-stop	Ton: 20min Toff: 40min	Non-stop	Non-stop
NOISE LEVEL*	-60 dB(A)	-60 dB(A)	-60 dB(A)	-56 dB(A)	-55 dB(A)
WEIGHT	1,45 kg	1,80 kg	1,45 kg	1,45 kg	1,65 kg
SIZE (main unit)	16 x 16 x 10 cm	14 x 21 x 15 cm	13 x 15 x 9 cm	14 x 17 x 11 cm	15 x 22 x 12 cm
WARRANTY	2 years	2 years	3 years	3 years	2 years
SHIPPING CARTON	6	6	6	6	6
COUNTRY OF ORIGIN	Italy	Italy	Italy	Italy	Italy
PRODUCT CODE	RE 300240	RE 300230/01	RE 300250	RE 300600/03	RE 300400
withouth carrying bag	—	—	RE 300250/05	RE 300600/12	—

\*according to EN-13544-1





COMPACT	KIWI+	MOBILE	EVOLUTION	CLINEB BASIC	CLINEB PRO
<i>Homecare</i>	<i>Mobility</i>	<i>Mobility</i>	<i>Professional</i>	<i>Professional</i>	<i>Professional</i>
Oilless and maintenance - free piston pump	Mesh vibrating nebulizer	Oilless and maintenance-free piston pump	Oilless and maintenance-free piston pump	Oilless and maintenance-free piston pump	Oilless and maintenance-free piston pump
230V / 50Hz	<b>Power adapter</b> 100-240V 50-60Hz <b>Lithium Battery</b> 3,7 V 2600mAh	<b>Power Adapter</b> 100-240V / 50-60Hz <b>Batteries</b> 8 x Alkaline rechargeable AA size, 1,2V (optional) <b>Car Adapter:</b> 12V	230V-50Hz	230V / 50Hz	230V-50Hz
170 VA	2,0 W	38,5 VA	170VA	170 VA	170 VA
3,0 bar/ 43,5 psi/ 300 kPa	—	2 bar/ 29 psi/ 200 kPa	3,0 ba/ 43,5 psi/ 300 kPa	2,5 bar/ 36 psi/ 250 kPa	3,0 bar/ 43,5 psi/ 300 kPa
1,3 bar/ 18,9 psi/ 130 kPa	—	0,8 bar/ 11,6 psi/ 80 kPa	0,95 bar/ 13,7 psi/ 95 kPa	1,30 bar/ 18,9 psi/ 130 kPa	0,95 bar/ 13,7 psi 95 kPa
16 l/min	—	12 l/min	16 l/min	16 l/min	16 l/min
5,2 l/min	—	4 l/min	8,0 l/min	5,2 l/min	8,0 l/min
0,5 ml/min	0,30 ml/min	0,35 ml/min	Pos. I 0,40 ml Pos. II 0,60 ml Pos. III 0,70 ml Pos. IV 0,80 ml	0,50 ml/min	Pos. I 0,40 ml Pos. II 0,60 ml Pos. III 0,70 ml Pos. IV 0,80 ml
3,25 µm	1,51 µm	3 µm	Pos. I 3,32 µm Pos. II 4,07 µm Pos. III 4,23 µm Pos. IV 4,18 µm	3,25 µm	Pos. I 3,32 µm Pos. II 4,07 µm Pos. III 4,23 µm Pos. IV 4,18 µm
> 70%	> 93%	> 75%	Depending on the above position	> 70%	Depending on the above position
Non-stop	<b>By mains</b> Non-stop <b>With batteries</b> 220 min	Ton: 20min Toff: 40min	Non-stop	Non-stop	Non-stop
~60 dB(A)	38.2 dB(A)	~50 dB(A)	~60 dB(A)	~57 dB(A)	~60 dB(A)
1,60 kg	150 g	0,56 kg	2,0 kg	2,20 kg	2,20 kg
14 x 23 x 12 cm	5,8 x 4,8 x 13 cm	9,5 x 14 x 7 cm	20 x 28 x 15 cm	19 x 25 x 15 cm	23 x 19 x 25 cm
4 years	2 years	5 years	2 years	2 years	2 years
6	12	6	6	4	4
Italy	China	Italy	Italy	Italy	Italy
RE 300200	RE 300911	RE 300700	RE 300450	RE 300551/03	RE 300560
—	—	—	—	—	—



DIAGNOSTICS

# THERMOMETERS

## ABOUT FEVER?

A fever is a **temporary increase in the body temperature**, often due to an illness. A normal temperature can vary from person to person, but it is usually around 37°C. Normal body temperature may also fluctuate depending on the time of day. It tends to be lower in the morning and higher in the late afternoon and evening. Other factors, such as menstrual cycle or intense exercise, can also affect body temperature.

Having a fever is a sign that **something out of the ordinary is going on in the body**. Fever seems to play a key role in **helping the body fight off a number of infections**.

For an adult, a fever may be uncomfortable, but usually is not a cause for concern unless it reaches 38°C or higher. For infants and toddlers, a slightly elevated temperature may indicate a serious infection.

## ECOLOGICAL, DIGITAL OR INFRARED?

An accurate reading of a person's temperature is a vital tool in managing illnesses. CA-MI provides different models of thermometers to satisfy any requirement in monitoring body temperature.

Mercury-free types are eco-friendly, digital types have rigid or flexible tip, and infrared scanners are quick and contactless, yet they all guarantee accurate and safe results.



▲ Digit-10P, p.17



▲ T-Flap, p.18

## QUALITY & ACCURACY

With the objective of combining **accuracy**, **easiness** and **quickness** in reading temperature, CA-MI pays special attention to the selection of **premium components**, such as sensors, probes and plastics. In fact, CA-MI thermometers are largely requested by users worldwide.

### TEMPERATURE

Stepped V-shape design improves measurements focusing infrareds.

### RANGE

Avoids the errors caused by wrong positioning: it guides user to reach the correct distance.

### TEMPERATURE BALANCE

Reduces the systematic errors caused by environmental temperature transition.



◀ T-Plus, p.16

## NON-CONTACT ADVANTAGES

There are several distinct advantages that have made non-contact thermometers very popular. First of all the possibility of **passing contagious infections** from one person to other **is ruled out** altogether. No matter how carefully you rinse or clean the bulb of the conventional mercury thermometer, the risk of infection transmission cannot be eliminated.

There are times when the **temperature** of the diseased person **has to be recorded periodically**, sometimes even when the patient is taking rest or sleeping: with those thermometers, any nurse can record the body temperature of the patient without disturbing. This same feature is also very helpful in taking the temperature of infants, kids or even aged persons with limited motor controls.

They also come with a **recording function** to check the latest readings, helpful in making accurate temperature charts for the physicians who need to diagnose and decide the line of treatment.

The large digital display allows for **easy reading** even for people with vision problems. More over these thermometers, can have **multiple uses** like measuring the temperature of warm water for baby bath or of infant feed, milk, etc.



▲ Counter display box for digiT-40 and digiT-40F thermometers, p.17



## T-PLUS

INFRARED THERMOMETER



### Non-contact technology

Measurements are taken between 0-3cm from the forehead guaranteeing the best hygienic conditions.



### Instant measurements

Extremely quick: takes 1 second to measure temperature.



### Superior accuracy

Provided with 3 special sensors detecting temperature, correct distance, and temperature balance. Operated by the extremely precise Japanese state-of-the-art firmware.



### Position aid

A dedicated distance sensor guides user to reach the correct measuring distance.



### Auto cooldown

Prevents systematic errors caused by too frequent tests.



### Fever alarm

Triple color backlight and 3 different buzzers to indicate different temperatures.



### Wide memory

Stores up to 30 measurements for easy monitoring.



### Energy save

Automatically shuts off after 30 seconds.



### Dual mode

Detects both body and surfaces temperatures.

## INCLUDED ACCESSORIES

### RIGID PLASTIC CASE

for safe storage and transport.

### 1.5 VOLT BATTERIES

2 x Alkaline AAA size.

PRODUCT CODE TR 100500

## T-EASY

INFRARED THERMOMETER



### Non-contact technology

Measurements are taken up to 5 cm from the forehead guaranteeing the best hygienic conditions.



### Instant measurements

Extremely quick: takes 1 second to measure temperature.



### Auto cooldown

Prevents systematic errors caused by too frequent tests.



### Fever alarm

Triple color backlight and 3 different buzzers to indicate different temperatures.



### Dual mode

Detects both body and surfaces temperatures.



### Wide memory

Stores up to 30 measurements for easy monitoring.



### Energy save

Automatically shuts off after 30 seconds.

## INCLUDED ACCESSORIES

### CARRYING BAG

for safe storage and transport.

### 1.5 VOLT BATTERIES

2 x Alkaline AAA size.

PRODUCT CODE TR 100500/01

## DIGIT-10P

DIGITAL THERMOMETER



### PREDICTIVE

Advanced algorithm predicting the correct temperature with superior accuracy, no matter where you measure it.

### SUPER QUICK

Takes only 10 seconds to measure body temperature.

### EASY-READ

Thanks to a wide LCD screen of 2,35 x 1,55 cm with 3 backlight colours.

### FEVER ALARM

Triple color backlight to indicate different temperatures.

### SHOCK & WATERPROOF

Certified IP55 rating.

### EASY TO CLEAN

With any alcohol-based solution.

### ENERGY SAVE

Automatically shuts off after 5 minutes.

### LONG LASTING

Up to 600 measurements and three years of life thanks to the replaceable battery.

### DISPLAY BOX

4-colour counter display box of 12's can be folded and used as display box from retail counters.

## INCLUDED ACCESSORIES

### PLASTIC CASE

for safe storage.

### 3V BUTTON BATTERY

type CR1632.

**PRODUCT CODE** TR 200300

## DIGIT-40

DIGITAL THERMOMETER



### RIGID TIP

For easy rectal, axillary or oral measurement

### EASY TO CLEAN

With any alcohol-based solution.

### SHOCK & WATERPROOF

Certified IP54 rating.

### QUICK

Takes from 40 to 90 seconds to measure body temperature

### ENERGY SAVE

Automatically shuts off after 8 minutes.

### LONG LASTING

Up to 1200 measurements and three years of life thanks to the replaceable battery.

### DISPLAY BOX

4-colour counter display box of 24's can be folded and used as display box from retail counters.

## INCLUDED ACCESSORIES

### PLASTIC CASE

for safe storage.

### 1.5V BUTTON BATTERY

type LR41 or AG3.

**PRODUCT CODE** TR 200030

## DIGIT-40F

DIGITAL THERMOMETER



### FLEXIBLE TIP

For easy rectal, axillary or oral measurement

### EASY TO CLEAN

With any alcohol-based solution.

### SHOCK & WATERPROOF

Certified IP54 rating.

### QUICK

Takes from 40 to 90 seconds to measure body temperature

### ENERGY SAVE

Automatically shuts off after 8 minutes.

### LONG LASTING

Up to 1200 measurements and three years of life thanks to the replaceable battery.

### DISPLAY BOX

4-colour counter display box of 24's can be folded and used as display box from retail counters.

## INCLUDED ACCESSORIES

### PLASTIC CASE

for safe storage.

### 1.5V BUTTON BATTERY

type LR41 or AG3.

**PRODUCT CODE** TR 200040

## T-CLASSIC

MERCURY-FREE THERMOMETER



### SAFE AND ECOLOGICAL

Mercury-free, contains harmless calibrated liquid alloy.

### EASY TO CLEAN

Glass body, easy to clean between measurements with any alcohol-based solution.

### INCLUDED ACCESSORIES

#### PLASTIC CASE

for safe storage.

PRODUCT CODE TR 100200

## T-FLAP

MERCURY-FREE THERMOMETER



### SAFE AND ECOLOGICAL

Mercury-free, contains harmless calibrated liquid alloy.

### EASY TO CLEAN

Glass body, easy to clean between measurements with any alcohol-based solution.

### EASY TEMPERATURE LOWERING

Thanks to the flap added to the case.

### INCLUDED ACCESSORIES

#### PLASTIC CASE + FLAP

for safe storage and easy temperature lowering.

PRODUCT CODE TR 100300



	<b>T-PLUS</b>	<b>T-EASY</b>	<b>DIGIT-10P</b>	<b>DIGIT-40</b>	<b>DIGIT-40F</b>	<b>T-CLASSIC</b>	<b>T-FLAP</b>
	<i>Infrared thermometer</i>	<i>Infrared thermometer</i>	<i>Digital Thermometer</i>	<i>Digital Thermometer</i>	<i>Digital Thermometer</i>	<i>Mercury free thermometer</i>	<i>Mercury free thermometer</i>
<b>SIZE</b>	14,9 x 3,4 x 5,2 cm	14,9 x 3,4 x 5,2 cm	13,5 x 2,8 x 1 cm	12,6 x 2 x 1,1 cm	12,6 x 2 x 1,1 cm	12,5 x 1,2 x 0,9 cm	12,5 x 1,2 x 0,9 cm
<b>WEIGHT</b>	95 g	95 g	16 g	9,4 g	9,4 g	7,2 g	7,2 g
<b>LCD</b>	with 3 colours backlight	with 3 colours backlight	2,35 x 1,55 cm with 3 colours back light	1,6 x 0,75 cm	1,6 x 0,75 cm	—	—
<b>MEASUREMENT METHOD</b>	Infrared (no-touch)	Infrared (no-touch)	Thermistor	Thermistor	Thermistor	Thermal expansion of a calibrated liquid alloy	Thermal expansion of a calibrated liquid alloy
<b>MODE</b>	Body /Objects	Body /Objects	Rectal / Oral / Axillary	Rectal / Oral / Axillary	Rectal / Oral / Axillary	Rectal / Oral / Axillary	Rectal / Oral / Axillary
<b>MEASUREMENT TIME</b>	1 s	1 s	10 s	40 / 60 / 90 s	40 / 60 / 90 s	3 / 3 / 5 min	3 / 3 / 5 min
<b>ACCURACY</b>	<b>35 &gt; 42°C:</b> ±0,2 °C <b>Otherwise</b> ±0,3°C	<b>35 &gt; 42°C:</b> ±0,2 °C <b>Otherwise</b> ±0,3°C	<b>35 &gt; 42°C:</b> ±0,1 °C <b>Otherwise</b> ±0,2°C	<b>35 &gt; 42°C:</b> ±0,1 °C <b>Otherwise</b> ±0,2°C	<b>35-42°C:</b> ±0,1 °C <b>Otherwise</b> ±0,2°C	±0,1°C	±0,1°C
<b>IP CODE</b>	IP22	IP22	IP55	IP54 waterproof	IP54 waterproof	—	—
<b>POWER SOURCE</b>	2 x Alkaline AAA size, 1,5V batteries	2 x Alkaline AAA size, 1,5V batteries	CR1632 3,0V button battery	LR41 or AG3 1,5V button battery	LR41 or AG3 1,5V button battery	—	—
<b>BATTERY AUTONOMY</b>	~ 1000 measurements	~ 1000 measurements	~ 600 measurements /2 years	~ 1200 measurements /2 years	~ 1200 measurements /2 years	—	—
<b>WARRANTY</b>	2 years	2 years	2 years	2 years	2 years	2 years	2 years
<b>SHIPPING CARTON</b>	50	50	288 units	400 units	400 units	12 units	12 units
<b>TIP</b>	—	—	Flexible, Waterproof	Rigid	Flexible	Rigid, Waterproof	Rigid, Waterproof
<b>NUMBER OF MEMORIES</b>	30	30	1	1	1	—	—
<b>END READING BEEPER</b>	■	■	■	■	■	—	—
<b>UNITS OF MEASUREMENTS</b>	Celsius / Fahrenheit	Celsius / Fahrenheit	Celsius / Fahrenheit	Celsius / Fahrenheit	Celsius / Fahrenheit	Celsius	Celsius
<b>AUTO SHUT-OFF</b>	After 30 seconds	After 30 seconds	After 5 minutes	After 8 minutes	After 8 minutes	—	—
<b>LOW BATTERY INDICATOR</b>	■	■	■	■	■	—	—
<b>PRODUCT CODE</b>	TR 100500	TR 100500/01	TR 200300	TR 200030	TR 200040	TR 100200	TR 100300





DIAGNOSTICS

# BLOOD PRESSURE MONITORS

## BLOOD PRESSURE MONITORING

Blood pressure is the term used to describe **the strength with which blood pushes on the sides of the arteries** as it is pumped around the body.

**High blood pressure** (hypertension) can put a strain on the arteries and organs, which **can increase the risk of developing** serious problems such as **heart attacks and strokes**. Low blood pressure (hypotension) is not usually as serious, although it can cause dizziness and fainting in some people.

Monitoring blood pressure is the only way to find out if the blood pressure is too high or too low, because most people will not have any obvious hypertension symptoms.

## DIFFERENT SOLUTIONS FOR EVERY NEED

A variety of blood pressure monitors is available so so blood pressure can be measured while at home or out and about. Whether one's preference goes to wrist or upper arm type, CA-MI has the perfect product to suit every need.



### UPPER ARM

Classic design meets state of the art technology. Thanks to the implemented inflation technology measurements are quick, gentle and reliable.



### WRIST TYPE

Small in size, yet accurate. Quick and easy to wear and very convenient for everyday use, wherever you are.

## COMFORTABLE & EASY TO USE

CA-MI selected a wide range of products that grants reliability, comfort and ease of use. Anyone can check their own blood pressure every day, and assist the clinician with accurate information.

### COMFORTABLE

Soft-finishing cuff, wrapping gently around the arm.

### EASY TO READ

Blood pressure values are classified according to the World Health Organization guidelines.

### RELIABLE

Guarantees reliable results thanks to body movements and interferences detection system.

### QUICK AND GENTLE

Thanks to the inflation technology blood pressure is monitored in a gentler and quicker way during the gradual inflation of the cuff.



▲ Nissei Comfort, p. 22

## STATE-OF-THE-ART TECHNOLOGY

Nissei Motion is the first wrist type blood pressure monitor combining the gentleness of inflation technology with the superior accuracy of the High Resolution System and M-Shaped Cuff.



▲ Nissei Motion, p. 24

CA-MI IS EXCLUSIVE EU DISTRIBUTOR OF NISSEI

## PRECISE AND VALIDATED

Most of CA-MI devices passed the ESH (European Society of Hypertension) clinical accuracy test, known as the most stringent test of clinical accuracy in the world.

Moreover, to display measurements in a more comprehensible and worldwide recognized way, these devices comply with the WHO Classification Guidelines.



## NISSEI COMFORT

UPPER ARM BLOOD PRESSURE MONITOR



### Clear Read

Wide LCD monitor: all info at one glance.



### Innovative inflation technology

Measurements are quicker and gentler: blood pressure is monitored during the gradual inflation of the cuff.



### Irregular heartbeat detection

Detects irregular pulse rhythms, index of cardiac arrhythmias.



### Body sensor

Detects body movements or interferences that may cause measurement errors.



### Wide range comfortable cuff

The cuff can fit a wide range of arm sizes: 22 - 42 cm. Thanks to its soft finishing, it wraps gently around the arm.



### Personal Mode

Cuff's inflation is adjusted according to the latest 3 readings, shortening the measurement time and improving comfort.



### Average value

Displays the average of the latest three readings.



### Circulatory risk indicator

Displays Pulse Pressure, a parameter related to artery stiffness and circulatory risk factors.



### ESH clinical validation

Technology in compliance with the European Society of Hypertension IP2010 protocol.



### Extended warranty

The product is guaranteed 5 years.



### WHO Classification

Blood pressure values are classified according to the World Health Organization guidelines.

## INCLUDED ACCESSORIES

### CARRYING BAG

for safe storage and transport.

### 1.5V BATTERIES

4 x Alkaline AA size, replaceable.

### COMFORT CUFF

Size: 22 - 42 cm, with soft finishing.

**PRODUCT CODE** Comfort (DS-B33-04)

## NISSEI DELICARE

UPPER ARM BLOOD PRESSURE MONITOR



### Innovative inflation technology

Measurements are quicker and gentler: blood pressure is monitored during the gradual inflation of the cuff.



### Irregular heartbeat detection

Detects irregular pulse rhythms, index of cardiac arrhythmias.



### Body sensor

Detects body movements or interferences that may cause measurement errors.



### Wide range comfortable cuff

The cuff can fit a wide range of arm sizes: 22 - 42 cm. Thanks to its soft finishing, it wraps gently around the arm.



### Switchable power supply

Can be used with AC adapter (not included) or AA alkaline batteries.



### ESH clinical validation

Technology in compliance with the European Society of Hypertension IP2010 protocol.



### Extended warranty

The product is guaranteed 5 years.

## INCLUDED ACCESSORIES

### CARRYING POUCH

for safe storage and transport.

### 1.5V BATTERIES

4 x Alkaline AA size, replaceable.

### COMFORT CUFF

Size: 22 - 42 cm, with soft finishing.

**PRODUCT CODE** Delicare (DS-B23-04)

## NISSEI DSK-1011

UPPER ARM BLOOD PRESSURE MONITOR



### Innovative inflation technology

Measurements are quicker and gentler: blood pressure is monitored during the gradual inflation of the cuff.



### Irregular heartbeat detection

Detects irregular pulse rhythms, index of cardiac arrhythmias.



### Body sensor

Detects body movements or interferences that may cause measurement errors.



### Double memory, double user

Stores up to 60 results in each memory bank.



### Comfortable cuff

Size: 22 - 32 cm. Soft finishing, wrapping gently around the arm.



### Switchable power supply

Can be used with AC adapter (not included) or AA alkaline batteries.



### Personal Mode

Cuff's inflation is adjusted according to the latest 3 readings, to shorten the measurement time and to improve comfort.



### Circulatory risk indicator

Displays Pulse Pressure, a parameter related to artery stiffness and circulatory risk factors.



### ESH clinical validated

In compliance with the European Society of Hypertension IP2010 protocol.



### WHO Classification

Blood pressure values are classified according to the World Health Organization guidelines.

## INCLUDED ACCESSORIES

### 1.5V BATTERIES

4 x Alkaline AA size, replaceable.

### COMFORT CUFF

Size: 22 - 32 cm, with soft finishing.

PRODUCT CODE DSK-1011

## NISSEI DSK-1031

UPPER ARM BLOOD PRESSURE MONITOR



### Clear Read

Wide LCD monitor: all info at one glance.



### Irregular heartbeat detection

Detects irregular pulse rhythms, index of cardiac arrhythmias.



### Body sensor

Detects body movements or interferences that may cause measurement errors.



### Double memory, double user

Stores up to 60 results in each memory bank.



### Smart rigid cuff

The device checks and warns if the cuff is not being worn correctly. Size: 22 - 42 cm. Soft finishing.



### Switchable power supply

Can be used with AC adapter (not included) or AA alkaline batteries.



### Circulatory risk indicator

Displays Pulse Pressure, a parameter related to artery stiffness and circulatory risk factors.



### ESH clinical validated

In compliance with the European Society of Hypertension IP2010 protocol.



### WHO Classification

Blood pressure values are classified according to the World Health Organization guidelines.

## INCLUDED ACCESSORIES

### 1.5V BATTERIES

4 x Alkaline AA size, replaceable.

### PREFORMED CUFF

Size: 22 - 42 cm, with soft finishing.

PRODUCT CODE DSK-1031



## NISSEI MOTION

WRIST BLOOD PRESSURE MONITOR



### Hi-Resolution System

Scans pulse wave 6 times more frequently than conventional monitors, allowing the detection of irregular pulse rhythms which may be an indicator of cardiac arrhythmias, such as atrial fibrillation.



### Innovative inflation technology

Measurements are quicker and gentler: blood pressure is monitored during the gradual inflation of the cuff.



### Body sensor

Detects body movements or interferences that may cause measurement errors.



### M-Shaped cuff

Improves measurement's precision binding the two wrist's bones securely so that arterial blood vessels are firmly tightened during inflation.



### Irregular heartbeat detection

Detects irregular pulse rhythms, index of cardiac arrhythmias.



### Cuff Status Function

Checks the correct positioning of the cuff before measurement.



### Double memory, double user

Stores up to 60 results in each memory bank.



### Always with you

Compact and easily transportable thanks to its rigid protective case.



### WHO Classification

Blood pressure values are classified according to the World Health Organization guidelines.

## INCLUDED ACCESSORIES

### RIGID CASE

for safe storage and transport.

### 1.5V BATTERIES

2x Alkaline AAA size, replaceable.

PRODUCT CODE Motion (WS-C2-04)

## NISSEI WSK-1011

WRIST BLOOD PRESSURE MONITOR



### M-Shaped cuff

Improves measurement's precision binding the two wrist's bones securely so that arterial blood vessels are firmly tightened during inflation.



### Always with you

Compact and easily transportable thanks to its travel bag.



### Clear Read

Wide LCD monitor: all info at one glance.



### Body sensor

Detects body movements or interferences that may cause measurement errors.



### Irregular heartbeat detection

Detects irregular pulse rhythms, index of cardiac arrhythmias.



### Circulatory risk indicator

Displays Pulse Pressure, a parameter related to artery stiffness and circulatory risk factors.



### Double memory, double user

Stores up to 60 results in each memory bank.



### ESH clinically validated

In compliance with the European Society of Hypertension IP2010 protocol.



### WHO Classification

Blood pressure values are classified according to the World Health Organization guidelines.

## INCLUDED ACCESSORIES

### TRAVEL BAG

for safe storage and transport.

### 1.5V BATTERIES





2 x Alkaline AAA size, replaceable.

PRODUCT CODE WSK-1011

## NISSEI DS-11

UPPER ARM BLOOD PRESSURE MONITOR



-  **Innovative inflation technology**  
Measurements are quicker and gentler: blood pressure is monitored during the gradual inflation of the cuff.
-  **Irregular heartbeat detection**  
Detects irregular pulse rhythms, index of cardiac arrhythmias.
-  **Body sensor**  
Detects body movements or interferences that may cause measurement errors.
-  **Wide range comfortable cuff**  
Size: 22 - 42 cm. Soft finishing wrapping gently around the arm.
-  **Average value**  
Displays the average of the latest three readings.
-  **Switchable power supply**  
Can be used with AC adapter (not included) or AA alkaline batteries.
-  **ESH clinically validated**  
In compliance with the European Society of Hypertension IP2010 protocol.

## INCLUDED ACCESSORIES


- CARRYING POUCH**  
for safe storage and transport.
- 1.5V BATTERIES**  
4 x Alkaline AA size, replaceable.
- COMFORT CUFF**  
Size: 22 - 42 cm, with soft finishing

PRODUCT CODE DS-11

## DM-3000

PROFESSIONAL UPPER ARM BLOOD PRESSURE MONITOR



-  **Automatic or manual mode**  
Oscillometric (AUTO) or auscultation (MANUAL) mode can be set by user.
-  **Professional accuracy, easy operation**  
Inflation and deflation speed can be easily adjusted and the maximum constriction of the cuff sets according to the patient's parameters.
-  **Fits every patient**  
Two cuffs are included (size: 22 - 32 cm (M) / 32 - 42 cm (L)) to fit patients with different arms circumferences, both washable and with soft finishing wrapping gently around the arm.
-  **Seven memories**  
Records the 7 latest measurements results and the average values.
-  **Switchable power supply**  
Can be operated with AC adapter or internal Ni-MH rechargeable batteries, both included.
-  **Double display**  
Two clearly readable displays representing the mercury column and digital results.
-  **Remote use**  
The long inflation tube and the 5 castors' trolley kit make it suitable for displacement.
-  **ESH clinical validation**  
In compliance with the European Society of Hypertension IP2002 protocol.

## INCLUDED ACCESSORIES

- NI-MH 4,8VDC**  
Rechargeable battery
- UNIVERSAL POWER ADAPTER**  
100-240V 50/60 Hz
- M-SIZE CUFF**  
Size: 22 - 32 cm, with soft finishing
- L-SIZE CUFF**  
Size: 32-42 cm, with soft finishing

PRODUCT CODE DM-3000

## DM-500

PROFESSIONAL UPPER ARM BLOOD PRESSURE MONITOR



### Mercury-free

Traditional mercury column has been replaced by the LCD column display.



### Rapid exhaust

During or after measurement in just one move.



### Manual Measurement

Manual systolic and diastolic measurements.



### Intuitive LCD display

Clearly readable display representing the mercury column.



### Low consumptions

Operated by two AA alkaline (LR6) batteries.

## INCLUDED ACCESSORIES

### 1.5V BATTERIES

2 x Alkaline AA size, replaceable.

### COMFORT CUFF

Size: 23 - 32 cm, with soft finishing

PRODUCT CODE DM-500

## HL858DK

UPPER ARM BLOOD PRESSURE MONITOR



### Fingertip Afib Detector

Atrial fibrillation can be measured by simply placing the index finger on the detector.



### Double LCD

Two LCD displays, one completely dedicated to the waveform graphic.



### Irregular heartbeat detection

Detects irregular pulse rhythms, index of cardiac arrhythmias.



### Triple memory, triple user

Stores up to 120 results in each of the 3 memory banks.



### Switchable power supply

Can be used with AC adapter (not included) or AA alkaline batteries.



### Comfortable cuff

Size: 23 - 33 cm. Soft finishing wrapping gently around the arm.



### Average value

Displays the average of the latest three readings.



### BIHS clinical validation

In compliance with the British and Irish Hypertension Society protocol.



### WHO Classification

Blood pressure values are classified according to the World Health Organization guidelines.

## INCLUDED ACCESSORIES

### CARRYING BAG

for safe storage and transport.

### 1.5V BATTERIES

4 x Alkaline AAA size, replaceable.

### COMFORT CUFF

Size: 23 - 33 cm, with soft finishing

PRODUCT CODE RE 504000

## MY PRESSURE 2.0

UPPER ARM BLOOD PRESSURE MONITOR



### Clear Read

Wide LCD monitor: all info at one glance.



### Irregular heartbeat detection

Detects irregular pulse rhythms, index of cardiac arrhythmias.



### Average value

Displays the average of the latest three readings.



### Double memory, double user

Stores up to 90 results in each of the memory banks.



### Comfortable cuff

Size: 22 - 32 cm. Soft finishing wrapping gently around the arm.



### Switchable power supply

Can be used with AC adapter (not included) or AA alkaline batteries.



### Always with you

Compact and easily transportable thanks to its carrying pouch.



### ESH clinical validation

In compliance with the European Society of Hypertension.



### WHO Classification

Blood pressure values are classified according to the World Health Organization guidelines.

## INCLUDED ACCESSORIES

### CARRYING POUCH

for safe storage and transport.

### 1.5V BATTERIES

4 x Alkaline AA size, replaceable.

### COMFORT CUFF

Size: 22 - 32 cm, with soft finishing

PRODUCT CODE RE 503000

## ECO PRESSURE 2.0

WRIST BLOOD PRESSURE MONITOR



### Clear Read

Wide LCD monitor: all info at one glance.



### Irregular heartbeat detection

Detects irregular pulse rhythms and excessive body movement during measurement.



### Average value

Displays the average of the latest three readings.



### Double memory, double user

Stores up to 90 results in each of the memory banks.



### Always with you

Compact and easily transportable thanks to its rigid protective case.



### WHO Classification

Blood pressure values are classified according to the World Health Organization guidelines through the colored scale.

## INCLUDED ACCESSORIES

### RIGID CASE

for safe storage and transport.

### 1.5V BATTERIES

2 x Alkaline AAA size, replaceable.

PRODUCT CODE RE 520120





	COMFORT	DELICARE	DS-11	DSK-1011	DSK-1031
TYPE	Upper Arm	Upper Arm	Upper Arm	Upper Arm	Upper Arm
SIZE	17x 11 x 7 cm	17 x 11 x 7 cm	11,5 x 11,5 x 6,59 cm	11,5 x 11,5 x 6,59 cm	11,5 x 11,5 x 6,59 cm
WEIGHT	250 g	250 g	250 g	250 g	250 g
MEASUREMENT TECHNOLOGY	Inflation	Inflation	Inflation	Inflation	Fuzzy Logic
SYSTOLIC PRESSURE RANGE	50-250 mmHg	50-250 mmHg	50-250 mmHg	50-250 mmHg	50-250 mmHg
DIASTOLIC PRESSURE RANGE	40-180 mmHg	40-180 mmHg	40-180 mmHg	40-180 mmHg	40-180 mmHg
PRESSURE ACCURACY	±3 mmHg	±3 mmHg	±3 mmHg	±3 mmHg	±3 mmHg
PULSE MEASUREMENT RANGE	40-180 pulses/min	40-180 pulses/min	40-180 pulses/min	40-160 pulses/min	40-160 pulses/min
PULSE ACCURACY	±5%	±5%	±5%	±5%	±5%
AUTOMATIC SHUT-OFF	2 minutes	2 minutes	3 minutes	3 minutes	3 minutes
LCD SIZE	72 x 78 mm	51 x 50 mm	49 x 38 mm	92 x 92 mm	92 x 92 mm
MEMORIES	120 (2 areas)	60 (1 area)	60 (1 area)	120 (2 areas)	120 (2 areas)
CUFF SIZE	22 - 42 cm (Soft)	22 - 42 cm (Soft)	22 - 42 cm (Soft)	22 - 32 cm (Soft)	22 - 42 cm (Preformed)
INCLUDED POWER SUPPLY	4x 1,5V AA alkaline	4x 1,5V AA alkaline	4x 1,5V AA alkaline	4x 1,5V AA alkaline	4x 1,5V AA alkaline
PERSONAL MODE	■	—	—	■	—
AVERAGE VALUE	■	—	■	—	—
PULSE PRESSURE DISPLAY	■	—	—	■	■
MOVEMENT DETECTION	■	■	■	■	■
IRREGULAR PULSE DISPLAY	■	■	■	■	■
DATE AND TIME	■	■	■	■	■
ESH APPROVAL	■	■	■	■	■
CARRYING BAG	Pouch	Pouch	Pouch	—	—
WARRANTY	5 years	5 years	2 years	2 years	2 years
SHIPPING CARTON	12 units	12 units	20 units	20 units	20 units
PRODUCT CODE	COMFORT (DS-B33-04)	DELICARE (DS-B23-04)	DS-11	DSK-1011	DSK-1031
ACCESSORIES					
CUFF	17 - 25 cm	—	—	—	—
	22 - 32 cm	—	—	NPDSK1011-051	—
	22 - 42 cm	B129646-1-A	B129646-1-A	NPDSB10-053	NPDSK1011-002 NPDSK1031-051 (Rigid)
	32 - 42 cm	—	—	—	—
AC/DC ADAPTER	A210664-01-B	A210664-01-B	NPDSK1011-102	NPDSK1011-102	NPDSK1011-102
CARRYING BAG	B129565-2-A	A129559-2-A	A127504-2	—	A123620-1-B



MOTION	WSK-1011	DM-3000	DM-500	ECO PRESSURE 2.0	MY PRESSURE 2.0	HL858DK
Wrist Type	Wrist Type	Upper Arm	Upper Arm	Wrist Type	Upper Arm	Upper Arm
6,4 x 8,8 x 2,6 cm	7 x 7x 2,7 cm	20,6x13,5x27,6cm	12,2 x 31 x 8,6 cm	6,6 x 7,0 x 3,0 cm	10,5 x 12 x 5,5 cm	10 x 14 x 6 cm
100 g	110 g	1,26 kg	780 g	110 g	310 g	320 g
Inflation	Fuzzy Logic	Auscultatory / Oscillometric	Auscultatory / Oscillometric	Fuzzy Logic	Fuzzy Logic	Fuzzy Logic
50-250 mmHg	50-250 mmHg	50-250mmHg	50-250mmHg	40 - 260 mmHg	40-260 mmHg	40-199 beats/min
40-180 mmHg	40-140 mmHg	40-180mmHg	40-180mmHg	40 - 180 mmHg	40-260 mmHg	40-199 beats/min
±3 mmHg	±3 mmHg	±3 mmHg	±3 mmHg	±3 mmHg	±3 mmHg	±3 mmHg
30-199 pulses/min	40-160 pulses/min	40-160 pul/min	40-160 pul/min	40-160 pulses/min	40-160 beats/min	40-199 beats/min
±5%	±5%	±5%	±5%	±5%	±5%	±5%
3 minutes	3 minutes	3 minutes	3 minutes	3 minutes	3 minutes	1,5 minutes
50x3 0mm	51 x 51 mm	300 digits column LCD + 10 digits segment LCD	—	38 x 43 mm	70 x 89 mm	#1: 57 x 53 mm #2: 57 x 19 mm
120 (2 areas)	120 (2 areas)	7	—	180 ( 2 areas)	180 (2 areas)	120 (3 areas)
12,5-22,5 cm (M-Shaped)	12,5-22,5 cm (M-Shaped)	22 – 32 cm (Soft) 32-42 cm (soft)	23 – 32 cm (Soft)	12,5 - 20,5 cm (wrist)	22 – 32 cm (Soft)	23 – 33 cm (Soft)
2x 1,5V AAA alkaline	2x 1,5V AAA alkaline	4.8 Vdc rechargeable NiMH battery	2x 1,5V AA alkaline	2x AAA 1,5V batteries	4x 1,5V AA alkaline	4x 1,5V AA alkaline
—	—	—	—	—	—	—
—	—	■	—	■	■	■
■	■	■	—	—	—	—
■	■	—	—	—	—	■
■	■	—	—	■	■	■
■	■	—	—	■	■	■
—	■	—	—	—	■	BISH validation
Case	Bag	—	—	Case	Pouch	Bag
2 years	2 years	2 years	2 years	2 years	2 years	2 years
40 units	20 units	4 units	20 units	40 units	10 units	12 units
MOTION (WS-C2-04)	WSK-1011	DM-3000	DM-500-02	RE 520120	RE 503000	RE 504000
—	—	upon request	NPDM0500-015	—	—	—
—	—	NPDM3000-010	NPDM0500-014	—	SP 0197	—
—	—	—	—	—	—	—
—	—	NPDM3000-011	NPDM0500-013	—	SP 0197/01 (32-43 cm)	11134/01
—	—	A210426-01-B	—	—	SP 0210	20029/03
D129880-2-A	A123620/1/B	—	—	—	—	—



## DIAGNOSTICS

# SPHYGMO- MANOMETERS & STETHOSCOPES

## DESIGNED FOR PROFESSIONALS

CA-MI matches its home-care diagnostic line with a range of product suitable for clinicians of all levels. A selection of devices adequate for practitioners as well as cardiologists who require more accurate and reliable instruments to validate their diagnosis.



▲ S-100 Cardio, p. 33

## ALLERGY-FREE AND DURABLE MATERIALS

Latex allergic reactions can range from mild skin rashes to severe and life-threatening anaphylactic shock. Since no known cure for latex allergy exists, avoidance of latex exposure is the only protection. Healthcare facilities have taken a variety of approaches to reduce both worker and patient exposure to latex. These include replacing products made of natural rubber latex with those made of alternative materials.

CA-MI selected its products in order to provide the safest and most durable materials.

## P-50

### SPHYGMOMANOMETER



#### PALM TYPE

Riva Rocci/Korotkoff measuring method.

#### PROFESSIONAL USE

Manual inflation system, ideal for professionals.

#### LATEX FREE

A safe and reliable alternative to Latex for allergy sufferers

#### COMFORTABLE CUFF

Size: 22 - 32 cm. Soft finishing wrapping gently around the arm.

### INCLUDED ACCESSORIES

#### CARRYING BAG

for safe storage and transport.

#### COMFORT CUFF

22-32 cm

### TECHNICAL DATA

SIZE	Ø 67 x 160 mm
WEIGHT	210 g
MEASURING RANGE	40 - 260 mmHg
PRESSURE RANGE	0 - 300 mmHg
ACCURACY	± 3 mmHg
CUFF SIZE	22-32 cm
WARRANTY	2 years
SHIPPING CARTON	30 units

PRODUCT CODE PR 310050

## P-100

### SPHYGMOMANOMETER



#### PALM TYPE

Riva Rocci/Korotkoff measuring method.

#### PROFESSIONAL USE

Manual inflation system, ideal for professionals.

#### LATEX FREE

A safe and reliable alternative to Latex for allergy sufferers

#### COMFORTABLE CUFF

Size: 22 - 32 cm. Soft finishing wrapping gently around the arm.

#### RAPID DEFLATION

Provided with fast deflation valve.

### INCLUDED ACCESSORIES

#### CARRYING BAG

for safe storage and transport.

#### COMFORT CUFF

22-32 cm

### TECHNICAL DATA

SIZE	Ø 67 x 160 mm
WEIGHT	280 g
MEASURING RANGE	40 - 260 mmHg
PRESSURE RANGE	0 - 300 mmHg
ACCURACY	± 3 mmHg
CUFF SIZE	22-32 cm
WARRANTY	2 years
SHIPPING CARTON	30 units

PRODUCT CODE PR 310100

## P-200

### SPHYGMOMANOMETER



#### PALM TYPE

Riva Rocci/Korotkoff measuring method.

#### SHOCK RESISTANT

Passed the drop test from a height of over 1 m, far exceeding the EU and US normative standards.

#### RAPID DEFLATION

Provided with fast deflation valve and protection cap.

#### LATEX FREE

A safe and reliable alternative to Latex for allergy sufferers

#### COMFORTABLE CUFF

Size: 25 - 36 cm. Soft finishing wrapping gently around the arm.

#### EXTENDEND WARRANTY

The product is guaranteed 5 years.

### INCLUDED ACCESSORIES

#### CARRYING BAG

for safe storage and transport.

#### COMFORT CUFF

25-36 cm

### TECHNICAL DATA

SIZE	Ø 55 x 171 mm
WEIGHT	275 g
MEASURING RANGE	40 - 260 mmHg
PRESSURE RANGE	0 - 300 mmHg
ACCURACY	± 3 mmHg
CUFF SIZE	25-36 cm
WARRANTY	5 years
SHIPPING CARTON	30 units

PRODUCT CODE PR 310200



## A-50

### SPHYGMOMANOMETER



#### ANEROID

Riva Rocci/Korotkoff measuring method.

#### PROFESSIONAL USE

Manual inflation system, ideal for professionals.

#### COMFORTABLE CUFF

Size: 22 - 32 cm. Soft finishing, wrapping gently around the arm.

#### LATEX FREE

A safe and reliable alternative to Latex for allergy sufferers

### INCLUDED ACCESSORIES

#### CARRYING BAG

for safe storage and transport.

#### COMFORT CUFF

22-32 cm

### TECHNICAL DATA

SIZE	Ø 50 x 90 mm
WEIGHT	110 g
MEASURING RANGE	40 - 260 mmHg
PRESSURE RANGE	0 - 300 mmHg
ACCURACY	± 3 mmHg
CUFF SIZE	22-32 cm
WARRANTY	2 years
SHIPPING CARTON	30 units

PRODUCT CODE PR 315050

## A-100

### SPHYGMOMANOMETER



#### ANEROID

Riva Rocci/Korotkoff measuring method.

#### PROFESSIONAL USE

Manual inflation system, ideal for professionals.

#### COMFORTABLE CUFF

Size: 22 - 32 cm. Soft finishing, wrapping gently around the arm.

#### LATEX FREE

A safe and reliable alternative to Latex for allergy sufferers

### INCLUDED ACCESSORIES

#### CARRYING BAG

for safe storage and transport.

#### STETHOSCOPE

#### METAL CLAMP

for gauge hooking.

#### COMFORT CUFF

22-32 cm

### TECHNICAL DATA

SIZE	Ø 50 x 90 mm
WEIGHT	110 g
MEASURING RANGE	40 - 260 mmHg
PRESSURE RANGE	0 - 300 mmHg
ACCURACY	± 3 mmHg
CUFF SIZE	22-32 cm
WARRANTY	2 years
SHIPPING CARTON	30 units

PRODUCT CODE PR 315100

## S-10

### STETHOSCOPE



#### CLASSIC DESIGN

Classical appearance designed for easier grip and maneuvering.

#### SOFT EARTIPS

Soft eartips provide an excellent acoustic seal and comfortable fit.

#### COMFORTABLE

Non-chill rims in order to provide patient comfort.

#### LATEX FREE

A safe and reliable alternative to Latex for allergy sufferers

### TECHNICAL DATA

DIAPHRAGM	Ø 46 mm
TYPE	single headed
TUBE	55 cm, PVC Y-tube
CHESTPIECE	alluminum alloy
WEIGHT	80 g
WARRANTY	2 years
SHIPPING CARTON	100 units

PRODUCT CODE ST 100000

## S-20

### STETHOSCOPE



#### DOUBLE ACCURACY

Double headed: large head for heart and lung auscultation, small head for low frequency sound auscultation.

#### SOFT EARTIPS

Soft eartips provide an excellent acoustic seal and comfortable fit.

#### COMFORTABLE

Non-chill rims provide in order to patient comfort.

#### LATEX FREE

A safe and reliable alternative to Latex for allergy sufferers.

### TECHNICAL DATA

DIAPHRAGM	Ø 46 /30 mm
TYPE	double headed
TUBE	55 cm, PVC Y-tube
CHESTPIECE	alluminum alloy
WEIGHT	90 g
WARRANTY	2 years
SHIPPING CARTON	100 units

PRODUCT CODE ST 100001

## S-30

### SPRAGUE RAPPAPORT STETHOSCOPE



#### DOUBLE ACCURACY

Double headed: large head for heart and lung auscultation, small head for low frequency sound auscultation.

#### SOFT EARTIPS

Soft eartips provide an excellent acoustic seal and comfortable fit.

#### COMFORTABLE

Non-chill rims provide in order to patient comfort.

#### LATEX FREE

A safe and reliable alternative to Latex for allergy sufferers.

#### HIGH VERSATILITY

Thanks to its wide set of accessories.

### INCLUDED ACCESSORIES

INDIVIDUAL DISPLAY BOX  
1X PAIR TUBE CONNECTORS  
2X PAIR DIFFERENT EARTIPS  
3X MEMBRANE ADAPTORS

### TECHNICAL DATA

DIAPHRAGM	Ø 46 /30 mm
TYPE	double headed
TUBE	55 cm, double PVC tube
CHESTPIECE	alluminum alloy
WEIGHT	225 g
WARRANTY	2 years
SHIPPING CARTON	50 units

PRODUCT CODE ST 100002

## S-100 CARDIO

### STETHOSCOPE



#### DESIGNED FOR CARDIOLOGISTS

The most accurate stethoscope in CA-MI range.

#### PERFECT SOUND DETECTION

The high-quality and thicknesses of the materials provide optimal external sound insulation, while the membrane amplifies the sounds auscultated.

#### SOFT FLOATING DIAPHRAGM

Hear high or low frequency sounds by slightly adjusting pressure on the chestpiece.

#### LATEX FREE

A safe and reliable alternative to Latex for allergy sufferers.

### INCLUDED ACCESSORIES

2 PAIR OF SILICONE EARTIPS

### TECHNICAL DATA

DIAPHRAGM	Ø 44 mm
TYPE	floating
TUBE	55 cm, PVC 2 in 1
CHESTPIECE	polished stainless steel
WEIGHT	215 g
WARRANTY	3 years
SHIPPING CARTON	12 units

PRODUCT CODE ST 100100

## P-130

ASSORTED SET



### ALL IN ONE

Assorted set for GP's and professionals.

### GIFT BOX

Provided with an elegant packaging,

### THE SET INCLUDES

#### PALM-TYPE SPHYGMOMANOMETER

Ø67

#### SINGLE-HEAD STETHOSCOPE

#### CHILD CUFF

Ø 18 - 26 cm

#### ADULT CUFF

Ø 22 - 32 cm

#### XL CUFF

Ø 33 - 51 cm

#### GIFT BOX

for safe storage and transport.

#### CARRYING BAG

for safe storage and transport.

PRODUCT CODE PR 310000/02

## P-150

ASSORTED SET FOR EMERGENCY



### RESCUE & EMERGENCY

A complete set including all cuffs sizes from infant to thigh.

### QUICK CONNECTION

All the cuff are provided with quick release metal screw developed for a prompt intervention.

### RAPID DEFLATION

Provided with fast deflation valve.

### HANGABLE BAG

For convenient storage in the ambulance.

### THE SET INCLUDES

#### PALM-TYPE SPHYGMOMANOMETER

Ø55

#### SINGLE-HEAD STETHOSCOPE

#### INFANT CUFF

Ø 13 - 19 cm

#### CHILD CUFF

Ø 18 - 27 cm

#### ADULT CUFF

Ø 25 - 41 cm

#### XL CUFF

Ø 33 - 51 cm

#### THIGH CUFF

Ø 40 - 66 cm

#### CARRYING BAG

for safe storage and transport.

PRODUCT CODE PR 310150





P-50



P-100



P-200



A-50



A-100

SIZE	Ø 67 x 160 mm	Ø 67 x 160 mm	Ø 55 x 171 mm	Ø 50 x 90 mm	Ø 50 x 90 mm
WEIGHT	210 g	280 g	275 g	110 g	110 g
MEASURING RANGE	40 - 260 mmHg	40 - 260 mmHg	40 - 260 mmHg	40 - 260 mmHg	40 - 260 mmHg
PRESSURE RANGE	0 - 300 mmHg	0 - 300 mmHg	0 - 300 mmHg	0 - 300 mmHg	0 - 300 mmHg
ACCURACY	± 3 mmHg	± 3 mmHg	± 3 mmHg	± 3 mmHg	± 3 mmHg
CUFF SIZE	22-32 cm	22-32 cm	25-36 cm	22-32 cm	22-32 cm
WARRANTY	2 years	2 years	5 years	2 years	2 years
SHIPPING CARTON	30 units	30 units	30 units	30 units	30 units
STETHOSCOPE	Not included	Not included	Not included	Not included	Included
PRODUCT CODE	PR 310050	PR 310100	PR 310200	PR 315050	PR 315100

#### ACCESSORIES

CHILD CUFF 18 - 26cm	11160	11160		11165	11165
ADULT CUFF 22 - 32cm	11161	11161		11163	11163
OBESE CUFF 33 - 51cm	11159	11159		11164	11164
INFLATION BULB	11162/01	11162		11156(w/o regulator)	11156 (w/o regulator)
REGULATOR FOR INFLATION BULB	-	-		11156/01	11156/01



S-10



S-20



S-30



S-100 CARDIO

DIAPHRAGM	Ø 46 mm	Ø 46/30 mm	Ø 46/30 mm	Ø 44 mm
TYPE	single headed	double headed	double headed	floating
TUBE	55 cm, PVC Y-tube	55 cm, PVC Y-tube	55 cm, double PVC tube	55 cm, PVC 2 in 1
CHESTPIECE	alluminum alloy	alluminum alloy	alluminum alloy	polished stainless steel
WEIGHT	80 g	90 g	225 g	215 g
WARRANTY	2 years	2 years	2 years	3 years
SHIPPING CARTON	100 units	100 units	50 units	12 units
PRODUCT CODE	ST 100000	ST 100001	ST 100002	ST 100100

#### ACCESSORIES

SOFT EAR TIPS	11166 (set of 4)	11166 (set of 4)	11166/01 (set of 2)	
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## MONITORING BLOOD-OXYGEN SATURATION

Pulse oximeters are devices designed to be **positioned on a finger to get in few seconds the blood-oxygen saturation (SpO<sub>2</sub>) level**, expressed as a percentage.

Values above 95% are to be considered natural, and therefore generally good, while the lower they get under that threshold the critical they are (a poorly oxygenated blood does not properly nourish body tissues and organs).

SpO<sub>2</sub> is an important parameter for the **prevention of critical conditions** affecting internal tissues and organic functioning, providing important information to the physician on the possible **presence of serious pathologies** such as: heart failure, arterial stenosis, ARDS (acute respiratory distress syndrome), COPD (chronic obstructive pulmonary disease), pulmonary emphysema, congenital heart defects, cystic fibrosis, critical conditions caused by drugs (allergy or overdose).

More over, the use of a pulse oximeter may be crucial to monitor extreme activities, such as mountaineering at high altitudes or scuba diving, in order to avoid dangerous situations.

## CERTIFIED QUALITY

CA-MI has been successfully distributing many models of pulse oximeters suitable for different users and applications.

We are certified medical device manufacturers and always strive to provide the best product and service.

DIAGNOSTICS

# PULSE OXIMETERS

## O<sub>2</sub>-EASY



### Accurate

High-quality sensor providing precise measurements.



### Always with you

Small & lightweight design.



### Smart Display

Digital LEDs display with two directions for reading. Displays SpO<sub>2</sub>, PR and pulse bar.



### Energy save

Low power consumption (batteries last up to 30 hours), automatically shuts off.



### Suitable for all ages

Accommodates a wide range of finger sizes from pediatric to adults.

## TECHNICAL DATA

PATIENT RANGE		Adult and Pediatrics Patients
SPO <sub>2</sub>	Measurement range	0 - 100%
	Measurement accuracy	70 - 100%: ±2%; <69%: no definition
	Resolution	1%
PULSE RATE	Measurement range	30 - 250 bpm
	Measurement accuracy	30 - 99 bpm: ±2 bpm 100 - 250bpm ±2%
	Resolution	1 bpm
SIZE	32 x 58 x 34 mm	
WEIGHT	50g (including two AAA batteries)	
POWER SOURCE	2 x Alkaline Batteries - AAA size, 1.5V	
YEARS OF WARRANTY	2	
SHIPPING CARTON	40 units	

## INCLUDED ACCESSORIES

### 1.5V BATTERIES

2 x Alkaline AAA size, replaceable.

### HANG LACE

PRODUCT CODE OX 100000

## O<sub>2</sub>-PLUS



### Accurate

Provides superior accuracy results and warns in case of unstable or weak measurement.



### Always with you

Small & lightweight design.



### Smart Display

Dual color OLED display, with 7 reading modes. Displays SpO<sub>2</sub>, PR, perfusion index and pulse bar.



### Energy save

Low power consumption, real-time battery status indication, automatically power off.



### Suitable for all ages

Accommodates a wide range of finger sizes from pediatric to adults.

## TECHNICAL DATA

PATIENT RANGE		Adult and Pediatrics Patients
SPO <sub>2</sub>	Measurement range	70% - 100%
	Measurement accuracy	70% - 100%: ±2%; <69%: no definition
	Resolution	1%
PULSE RATE	Measurement range	30 - 250 bpm
	Measurement accuracy	30bpm-99bpm, ±2 bpm 100bpm-250bpm, ±2%
	Resolution	1 bpm
PERFUSION INDEX	Measurement range	0.3%-20.0%
SIZE	32 x 60 x 29 mm	
WEIGHT	50g (including two AAA batteries)	
POWER SOURCE	2 x Alkaline Batteries - AAA size, 1.5V	
YEARS OF WARRANTY	2	
SHIPPING CARTON	40 units	

## INCLUDED ACCESSORIES

### 1.5V BATTERIES

2 x Alkaline AAA size, replaceable.

### HANG LACE

PRODUCT CODE OX 100200



REHABILITATION

# WHEELCHAIRS & WALKERS

## A CONCRETE AID FOR EVERYDAY LIFE

As people age, everyday activities previously taken for granted can become difficult or, at times, impossible to perform. In their usual design, common tasks may require the help of other people, creating stress or frustration.

CA-MI rehabilitation range is designed to help people retain independence, providing products aiming to help in the accomplishment everyday task in the easier way.



## SAFETY & RELIABILITY AT HAND

CA-MI has selected only high-quality products, made with durable and safe materials.

Convenient to handle, easy to transport and at the same time trustworthy and reliable, thanks to the included safety devices, the whole rehabilitation range aims to provide solutions which guarantee only the best performance.



## BME4617

### SELF-PROPELLING WHEELCHAIR



#### Self-propelling

Hand rims on rear wheels allow users to push themselves forward.



#### Foldable

The chair is designed to fold compactly in size (only 26 cm when closed).



#### Easy to handle

Lightweight, thanks to its aluminum structure, and easy to store and transport.



#### Comfortable & customizable

Padded seat and backseat in black nylon with document pocket on the back. Foldable padded armrests covered in black leatherette. Optional padded legrests available.



#### Made to last

Reduced maintenance and longer life thanks to the high-quality materials: single crossbar powder coated steel frame, rear wheels in rocket aluminum with tubeless PU tires and black painted steel handrails.

## INCLUDED ACCESSORIES

#### PADDED ARMRESTS

Short and foldable covered in black leatherette

#### ADJUSTABLE FOOTRESTS

in black plastic, removable.

#### COMFORTABLE CALF STRAP

PRODUCT CODE BME4617

## BME4615

### TRANSIT WHEELCHAIR



#### Transit

Small wheels make it easier to manoeuvre in environments where space is limited. Ideal for elderly and disabled users.



#### Foldable

The chair is designed to fold compactly in size (only 26 cm when closed).



#### Easy to handle

Lightweight, thanks to its aluminum structure, and easy to store and transport. Operator brake makes the manoeuvre easier.



#### Comfortable & customizable

Padded seat and backseat in black nylon with document pocket on the back. Foldable padded armrests covered in black leatherette. Optional padded legrests available.



#### Made to last

Reduced maintenance and longer life thanks to the high-quality materials: single crossbar powder coated steel frame, rear wheels in rocket aluminum with tubeless PU tires and black painted steel handrails.

## INCLUDED ACCESSORIES

#### PADDED ARMRESTS

Short and foldable covered in black leatherette

#### ADJUSTABLE FOOTRESTS

in black plastic, removable.

#### COMFORTABLE CALF STRAP

PRODUCT CODE BME4615



## BME861

ROLLATOR WALKER



### Foldable

Designed to easily fold compactly in size (only 30 cm when closed).



### Easy to handle

Lightweight, thanks to the aluminum structure, and easy to manoeuvre thanks to the two front swiveling wheels.



### Safety brakes

The loop brakes are easy to tighten and release, it can be pressed down as the parking brakes to lock the wheels.



### Comfortable & convenient

Padded seat and backrest with PVC upholstery. Equipped with a large and convenient shopping bag to carry personal items



### Customizable

Adjustable height to fit different users.



### Made to last

Reduced maintenance and longer life thanks to the high-quality materials: Aluminum liquid coated frame, 4 PU wheels, foam handle grip.

## INCLUDED ACCESSORIES

### SHOPPING BAG

to carry personal items

PRODUCT CODE BME861

## BME813/01

ROLLATOR WALKER



### Easy to handle

Lightweight, thanks to its aluminum structure, and easy to store and transport.



### Safe & reliable

Thanks to the two rotating front wheels and the ergonomic SBR rubber handles, the user can walk safely and easily.



### Foldable

Designed to easily fold compactly in size, thanks to the single-button system.



### Customizable

Adjustable height to fit different users.



### Made to last

Reduced maintenance and longer life thanks to the high-quality materials: 1-inch anodized aluminum frame, powder-coated steel crossbar, satin finish surfaces.

PRODUCT CODE BME813/01



## BME813

ROLLATOR WALKER



### Easy to handle

Lightweight, thanks to its aluminum structure, and easy to store and transport.



### Safe & reliable

Thanks to the two fixed front wheels and the ergonomic SBR rubber handles, the user can walk safely and easily.



### Foldable

Designed to easily fold compactly in size, thanks to the single-button system.



### Customizable

Adjustable height to fit different users.



### Made to last

Reduced maintenance and longer life thanks to the high-quality materials: 1-inch anodized aluminum frame, powder-coated steel crossbar, satin finish surfaces.

PRODUCT CODE BME813



## BME666

3 IN 1 STANDARD COMMODE CHAIR



### Multipurpose

Can be used whether as shower chair or commode chair with bucket or positioning it on the WC.



### Safe & reliable

Ergonomic armrest design, comfortable and non-slip armrests to provide the best assistance to get out.



### Customizable

Adjustable height to fit different users (44-57cm).



### Made to last

Reduced maintenance and longer life thanks to the high-quality materials: powder coating steel frame and resistant plastic, waterproof, durable and easy to clean.

PRODUCT CODE BME666

## MAT-130

ANTI DECUBITUS MATTRESS



### Adjustable bubbles type

Made of 130 air bubbles and equipped with end flaps for correct positioning in the bed. Pressure can be adjusted to best fit with patient weight.



### Delicate

Massages skin delicately at alternating points of contact for improved blood flow and tissue oxygenation preventing bedsore ulcers formation.



### Safe & non-toxic

Made of highly elastic non-toxic PVC, resistant and easy to clean.



### Self inflating

Easily inflates with its own compressor.

## INCLUDED PARTS

### INFLATABLE MATTRESS

cm 300 x 90 x 6,5, made of PVC

### AIR PUMP

230V / 50Hz, Output: 4.5 l/min

PRODUCT CODE DE 620010



**BME4617**



**BME4615**



**BME861**



**BME813**



**BME813/01**



**BME666**

SEAT SIZE (W x L x H)	40/45 x 45 x41 cm	40 x 45 x41 cm	30 x 30 cm	—	—	—
TOTAL HEIGHT	90 cm	90 cm	90-105 cm Adjustable	Adjustable	Adjustable	Adjustable
REAR WHEELS	60 cm	30 cm	15 cm	—	—	—
FRONT WHEELS	20 cm	20 cm	15 cm	—	—	—
WEIGHT	18 kg	15 kg	6,5 kg	2,6 kg	2,25 kg	8 kg
MAXIMUM CAPACITY	120 kg	115 kg	110 kg	135kg	110kg	135kg
WARRANTY	2	2	2	2	2	2
SHIPPING CARTON	1	1	1	4	4	2
PRODUCT CODE	<b>BME4617</b> Seat width 45 cm. <b>BME4617/01</b> Seat width 40 cm. <b>BME4617/02</b> Seat width 45 cm +rear wheels quick release. <b>BME4617/03</b> Seat width 40 cm +rear wheels quick release.	<b>BME4615</b>	<b>BME861</b>	<b>BME813</b>	<b>BME813/01</b>	<b>BME666</b>
ACCESSORIES						
24” REAR WHEEL all accessories included	BME0005					
12” REAR WHEEL all accessories included	BME0002					
SMALL FRONT WHEEL all accessories included	BME0006	BME0006				
ARMREST	BME0007	BME0007				
FOOTRESTS (FOOT BOARD)	BME0008	BME0008				
LEGREST left+right	BME0009	BME0009				
ELEVATING LEG REST left+right)	BME0001	BME0001				
RUBBER TIPS at the bottom				BME0004		
FRONT WHEEL				BME0003		
SWIVEL WHEEL				BME0012		
LEG FRAME				BME0013		



REHABILITATION

# INCENTIVE SPIROMETERS

 made in Italy

## THE EASY WAY TO EXPAND LUNGS

An incentive spirometer helps the patient to take slow, deep breaths to expand and fill the lungs with air.

This helps preventing lung problems, such as pneumonia. The incentive spirometer is made up of a breathing tube, an air chamber, and an indicator. The breathing tube is connected to the air chamber and has a mouthpiece at the end.

## PULMONARY REHABILITATION

The main subjects of pulmonary rehabilitation are patients affected by Chronic Obstructive Pulmonary Disease (COPD), severe respiratory troubles or with post-operation long stay in bed.

A pulmonary rehabilitation program helps minimizing the associated symptoms and reducing of dyspnoea and its related consequences.

This leads to an improvement of patients' quality of life, helping them recovering the ability to perform daily activities, and reducing the anxiety or depression associated with the disease.

Since respiratory rehabilitation at home is one of the best practice in post-operation, devices are easy to use and cost-effective and -most important- they provide indications of daily improvements.



## MODULAR AND EASILY DISMOUNTABLE

The whole range of CA-MI incentive spirometers can be disassembled and disinfected to guarantee the best hygienic conditions between uses or patients. In fact, unlike other devices they have consumables that can be washed or replaced.

Moreover, to best suit every patient's condition, they are modular and combinable.

Thanks to a wide set of replaceable spare parts they are the ideal devices to use for more than a patient.



## PULMOVOL 25/50

INCENTIVE SPIROMETER



### SOFT INHALATION

Volumetric respiratory exerciser used to encourage SMI (Sustained Maximal Inspiration).

### IMPROVES RESPIRATORY CONDITIONS

Strengthen respiratory muscles leading progresses in the respiratory functional parameters.

### TARGET INDICATOR

Incorporates visual indicators of performance in order to aid the therapist in coaching the patient to optimal performance.

### MODULAR

Can be connected with Pulmolift for a full inhalation/exhalation cycle.

### HYGIENIC

Can be disassembled for cleaning and washing purposes to guarantee the best hygienic conditions between uses or patients.

### MULTI-USER

Replaceable spare parts make it the ideal device to use for more than a patient at home or in hospitals.

### INCLUDED ACCESSORIES

AIR TUBE | SP 0156

AIR FILTER | SP 0154

MOUTHPIECE | SP 0155

### TECHNICAL DATA

SIZE	21 x 20 x 7 cm
WEIGHT	350 g
WARRANTY	2 years
SHIPPING CARTON	10 units

### AVAILABLE MODELS

RE 400210 | PULMOVOL 50  
adults model

RE 400211 PULMOVOL 25  
pediatric model

## PULMOGAIN

INCENTIVE SPIROMETER



### DEEP INHALATION

Patient exercises through strong and deep inhalation.

### IDEAL FOR REHABILITATION

Helps keep lungs active when the patient is recovering from surgery, as if she was at home performing daily activities.

### TRAINER

Designed to improve patient's performance gradually thanks to the 3 variable weight balls /floaters.

### MODULAR

Can be connected with Pulmolift for a full inhalation/exhalation cycle.

### HYGIENIC

Can be disassembled for cleaning and washing purposes to guarantee the best hygienic conditions between uses or patients.

### MULTI-USER

Replaceable spare parts make it the ideal device to use for more than a patient.

### INCLUDED ACCESSORIES

AIR TUBE | SP 0156

AIR FILTER | SP 0154

MOUTHPIECE | SP 0155

PLASTIC CAP | SP 0159

### TECHNICAL DATA

SIZE	13 x 15 x 7 mm
WEIGHT	250 g
WARRANTY	2 years
SHIPPING CARTON	24 units

### AVAILABLE MODELS

RE 400100 | DEVICE + BOX

RE 400110 | DEVICE + NYLON BAG

## PULMOLIFT

INCENTIVE SPIROMETER



### EXHALATION

Provided with a double one-way valve, it is indicated to exercise and stimulate respiration through expiration.

### MODULAR

When assembled with Pulmogain or Pulmovol, full inhalation/exhalation cycle can be trained.

### HYGIENIC

Can be disassembled for cleaning and washing purposes to guarantee the best hygienic conditions between uses or patients.

### MULTI-USER

Replaceable spare parts make it the ideal device to use for more than a patient.

### HANDY

Pocket-size and discreet, exercising can be done anywhere

### INCLUDED ACCESSORIES

AIR TUBE | SP 0156

AIR FILTER | SP 0154

MOUTHPIECE | SP 0155

### TECHNICAL DATA

SIZE	10 x 4 x 7 mm
WEIGHT	25 g
WARRANTY	2 years
SHIPPING CARTON	50 units

### AVAILABLE MODELS

RE 400250/01 | DEVICE + ACCESSORIES  
for standalone use

RE 400250 | DEVICE ONLY

for use with Pulmovol/Pulmogain





WELLNESS

# COMPRESSION THERAPY

 made in Italy

## THE BEST TREATMENT FOR VENOUS STASIS

Since their introduction, medical compression stockings constituted the treatment with **the largest impact on venous stasis**, becoming soon the most preferred conservative approach.

The **external counterpressure** provided by those stockings **improves blood's circulation** resolving in this way venous stasis and avoiding at the same time the emergence of possible thrombosis.

Not only: the superficial and deep venous systems are affected so that also **overall blood volume improves**, enhancing the microcirculatory and tissue's condition.



Kàmila is the result of over 40 years of experience in the use of double-covered Lycra yarn.

All of the products exerts an effective decreasing compression from the ankle to the thigh, to promote proper venous outflow.

Kàmila range features **two main categories** of stockings (preventive and medical), both available in different **lengths, colors and sizes**, all of them **100% made in Italy**.



**A-T**  
Pantyhose



**A-G**  
Stay-up



**A-D**  
Knee-high



**ATG**  
Maternity



**AGT**  
Thigh (one-leg)



**OPEN TOE**



**CLOSED TOE**

## PREVENTION

Preventive stockings with graduated compression, for the wellbeing of every legs.



◀ *Unisex socks,  
prevention line*

## MEDICAL

A line designed for the management and prevention of vascular pathologies.



**RAL-GZG 387**  
**QUALITY CERTIFICATE**  
High-quality  
compression stockings

◀ *Coty  
A-D Knee-high  
open toe, beige*

## ACCESSORIES

Kàmila range includes a selection of aids made to improve stockings wearability as well.



◀ *Ezy-as,  
universal stocking  
applicator*



**40%**  
compression

THIGH

**70%**  
compression

CALF

**100%**  
compression

ANKLE

## GRADUAL COMPRESSION

The compression of elastic stockings is expressed in millimetres of Mercury (mmHg) and it is 100% of the nominal value at the ankle, 70% below the knee and 40% at the thigh.

BROWSE THE COMPLETE  
**KÀMILA CATALOGUE** ONLINE  
[www.kamilamedical.com](http://www.kamilamedical.com) →

## PREVENTION LINE

MILD COMPRESSION FOR WELL BEING



### Wide range of compression levels

Suitable for people who seek a simple distressing effect for their legs or to provide more effective treatment or in presence of minor circulatory pathologies.



### Elegance and fashion

More than 30 elegant and renewed models in a great variety of colors for ladies and men.



### High-quality yarns

Made with double-covering Lycra®, combined with the most innovative breathable yarns.



### The right product for everyone

Each item reports both the weight of the yarn in denier (den) and the compression (mmHg) at the ankle level.

WEIGHT OF YARN	COMPRESSION	ACTION
40 den	9-11 mmHg	Light Massage
70 den	12-16 mmHg	Medium Massage
140 den	18-20 mmHg	Strong Massage

## MEDICAL LINE

VASCULAR PATHOLOGIES MANAGEMENT



RAL-GZG 387



### Designed for vascular pathologies

A range of products that meets specific needs such as therapies post-operative, cases of ulcers, post plaster cast and varicose prophylaxis.



### Durable

Pressure generated by the compression socks is guaranteed to remain constant for 6 months from the first day of use.



### High-quality yarns

Safest non-toxic cotton or microfiber yarns.



### 3 classes of compression

In compliance with German classification to suit different therapeutic indications, including varicose veins, deep venous thrombosis, chronic venous insufficiency, lymphoedema.

CLASS	COMPRESSION	MATERIAL
KKL I	18-21 mmHg	Microfiber / Cotton
KKL II	23-32 mmHg	Microfiber / Cotton
CL 2 (american)	30-40mmHg	Polyamide/Elastam/ Cotton
KKL III	34-46 mmHg	Cotton

## BEAUTIFUL LEGS

PRESSOTHERAPY



### Legs health & wellness

Reactivates circulation effectively, reducing water retention and minimizing cellulite imperfection.



### Beauty or medical mode

Two treatment modes available: by alternating between compression and decompression it provides medical or beauty treatments improving lymphatic drainage and restoring circulation and venous activities.



### Adjustable treatment duration

Patients can choose 10, 20 or 30 minutes according to their own conditions and/or medical prescription.



### Completely customizable

Pressure range from 20 to 250 mmHg.

Each garment has 4 inflation chambers: during therapy they can be partially disabled.



### Whole body treatment

9 different kind of cuffs to cover the entire body.

## INCLUDED ACCESSORIES

### TWO LEGS CUFFS (LARGE)

SIZE: 110 x 30 cm CODE: L-1002L

## OPTIONAL ACCESSORIES

### LEG CUFF (SMALL)

SIZE: 90 x 30 cm CODE: L-1001S

### LEG CUFF (LARGE)

SIZE: 110 x 30 cm CODE: L-1001L

### LEG CUFF (EXTRA-LARGE)

SIZE: 110 x 38 cm CODE: L-1001XL

### LEG CUFF (XXL)

SIZE: 110 x 48 cm CODE: L-1001XXL

### WAIST CUFF (SMALL)

SIZE: 120 x 40 cm CODE: W-1001

### WAIST CUFF (LARGE)

SIZE: 145 x 40 cm CODE: W-1001L

### ARM CUFF (SMALL)

SIZE: 70 x 25 cm CODE: A-1001S

### ARM CUFF (LARGE)

SIZE: 90 x 25 cm CODE: A-1001L

PRODUCT CODE PT 1002



▲ **Single leg cuff XL**  
Size 110x38cm



▲ **Waist cuff**  
Size 145x40cm



▲ **Single Arm cuff**  
Size 70x25cm



▲ **Two legs cuffs**  
Size 110x30cm





WELLNESS

HEMOCARE

## WELLBEING RIGHT AT HOME

A range of devices conceived for at-home holistic experiences that extend across physical and mental health: personal care routine is turned into small daily rituals for self-improvement that are guaranteed by CA-MI's quality signature.



## 360° WELLNESS

A comprehensive line of products finding customer's satisfaction worldwide.

CA-MI pays special attention to the selection of the materials and to reduce the environmental impact aiming to provide state-of-the-art technologies combined with simplicity of use, for all ages.





## LIGHTTOOTH

WATER FLOSSER



### Complete prevention

The five included accessories make it the ideal tool for daily hygiene of teeth, gums and tongue.



### High-capacity

Can contain up to 800ml of water.



### Quiet



### Sonic vibration

High-speed hair brush vibration, removing thoroughly sticky dental plaque deep down to the gum line.



### Multiple speeds

Allows to decrease or increase the water pressure to provide a gentle cleaning of sensitive areas or a deep and targeted one.

## INCLUDED ACCESSORIES

- 1 X SUBGINGIVAL TIP
- 2 X VIBRATING BRUSH HEADS
- 1 X SOFT GUM MASSAGER
- 1 X TONGUE CLEANER
- 1 X WATER JET TIP

PRODUCT CODE BD 100000/01

## FAMILY TEETH

ELECTRIC TOOTHBRUSH



### Sonic vibration

High speed hair brush vibration, removing thoroughly sticky dental plaque deep down to the gum line.



### USB-Friendly

Rechargeable battery powered by micro-USB charger, to use it anywhere



### Multi-function

3 washing modes (white/ clean/ sensitive) and 3 massages modes



### Time alert

Automatic short stop every 30 sec., reminding the user to brush the next sextant of the mouth.



### Ergonomic & gentle

Ergonomic DuPont head with soft bristles

## INCLUDED ACCESSORIES

- MICRO-USB CHARGER
- to charge the toothbrush anywhere
- 2 BRUSH-HEADS

PRODUCT CODE SE 100001

## SPRINT

ELECTRONIC SCALE



### 360° monitoring

Records 6 different body parameters: weight, fat mass, body hydration, bone mass, muscle mass, basal metabolic rate.



### Multiple profiles

Setting and records of values of up to 10 users, making it the ideal device for the whole family.



### Clear Read

Wide and easy-to-read 92x82mm LCD display



### 4-sensor accuracy

with 4 high-quality weight sensors.



### Slim design

Only 23,5 mm thick, exceptionally easy to store



### Elegant & durable

Tempered black glass finishing.



### Energy save

Automatically shuts off after 10 seconds.



### Weight selector

Manual selection of weight unit to metric (Kg) or imperial (Lb)

## INCLUDED ACCESSORIES

### 1.5V BATTERIES

3 x Alkaline AAA size, replaceable.

PRODUCT CODE BL 100002

## DEFILÉ

ELECTRONIC SCALE



### Clear Read

Wide and easy-to-read 92x82mm LCD display



### 4-Sensor accuracy

with 4 high-quality weight sensors.



### Slim design

Only 17,5 mm thick, exceptionally easy to store.



### Elegant & durable

Tempered black glass finishing.



### Energy save

Automatically shuts off after 10 seconds.



### Weight selector

Manual selection of weight unit to metric (Kg) or imperial (Lb)

## INCLUDED ACCESSORIES

### LITHIUM BATTERY

1 x 3V DC lithium battery (CR2032)

PRODUCT CODE BL 100001

## BAMBY

BABY ELECTRONIC SCALE



### Superior accuracy

Thanks to its 4 high-quality sensors detects even small changes in weight (5g).



### Monitors every step

Made to measure the weight of newborns, toddlers and young kids (0,5-20kg).



### Durable materials

Made of sturdy and long-lasting ABS plastic.



### Energy save

Automatically shuts off after 10 seconds.

## INCLUDED ACCESSORIES

### LITHIUM BATTERY

1 x 3V DC lithium battery (CR2032)

PRODUCT CODE BL 100003



WELLNESS

BABY-CARE

SUCTION

## HUMI RAINBOW

### HUMIDIFIER



#### LONG AUTONOMY

The 2,8l tank delivers 280 ml/h for max 10 hours non-stop.

#### ADJUSTABLE

360° rotation of the outlet head with mist output adjustable in any direction.

#### CHROMO-THERAPY

Automatic 7-led colours change.

#### AROMA-THERAPY

Dedicated tank for aromatic essence oils.

#### SUITS ANY ROOM

Designed to humidify rooms from 10 to 25 m².

PRODUCT CODE UM 100500

## ESSENTIA

### HUMIDIFIER



#### ELEGANT DESIGN

Made of polished natural materials such as oak and satin blown glass.

#### CHROMO AND SOUND THERAPY

7 colours settable automatic or steady, and stream sound effect.

#### LONG AUTONOMY

The 85ml tank delivers 16ml/h for 6-8 hours non-stop.

#### AROMA-THERAPY

Suitable for aromatic essence oils.

#### SUITS ANY ROOM

Designed to humidify rooms from 10 to 25 m².

PRODUCT CODE UM 100600

## OLYSAN

### AROMATIC ESSENCE OILS



#### WIDE-RANGE COMPATIBILITY

Suitable for use with Humi-Rainbow, Essentia or any other humidifier.

#### PURIFY AND SCENT

A mix of natural and balsamic essences to purify and scent the environment and help respiration, with a pleasant sensation.

#### SANITIZER ACTION

Protect the living and working areas with antiseptic and antibacterial action.

## PRODUCTS RANGE

#### OLYSAN PINE & TEA TREE

A resinous woody fragrances, with antiseptic and antibacterial action.

#### OLYSAN CITRUS

The enchanting fruity flavor of the Mediterranean region.

#### OLYZANZ

Made with lavender, lemongrass and geranium: an excellent natural remedy to keep mosquitoes away.

#### OLYSENS

A unique fragrance appreciated by ladies and men, enriching couples experience, by stimulating the production of pheromones.

## PRODUCTS' CODES

#### 00304 | OLYSAN PINE & TEATREE

size 15ml

#### 00305 | OLYSAN CITRUS

size 15ml

#### 00306 | OLYZANZ

size 15ml

#### 00307 | OLYSENS

size 15ml



	DEFILÉ	SPRINT	BAMBY
<b>CAPACITY</b>	4,5 - 180 Kg 9,90 - 397 Lb	3 - 180 Kg 6,60 - 397 Lb	0,5 - 20 Kg 11 - 44 Lb
<b>SCALE INTERVAL</b>	100 g	100 g	5 g
<b>LCD DISPLAY SIZE</b>	73 x 34 mm	92 x 82 mm	72 x 28 mm
<b>POWER SUPPLY</b>	1 x 3V DC lithium battery (CR2032)	3 x 1.5V DC AAA-type battery	1 x 3V DC lithium battery (CR2032)
<b>BATTERY LIFE</b>	~6 months (2 measurements a day)	3.000 measurements / ~ 6 months	3.000 measurements
<b>SIZE</b>	302 x 302 x 17,5 mm	300 x 300 x 23,5 mm	560 x 330 x 53 mm
<b>WEIGHT</b>	1,52 Kg	1,56 Kg (without batteries)	4,5 Kg
<b>WARRANTY</b>	2 years	2 years	2 years
<b>SHIPPING CARTON</b>	6	6	2
<b>PRODUCT CODE</b>	BL 100001	BL 100002	BL 100003

<b>BATTERY</b>	14500 lithium Battery
<b>BATTERY CAPACITY</b>	400mAh
<b>POWER SUPPLY</b>	DC 3.7V
<b>POWER CONSUMPTION</b>	1.0W
<b>IP PROTECTION</b>	IPX7
<b>CHARGING METHOD</b>	USB
<b>INPUT</b>	DC5V—1A
<b>WEIGHT</b>	65g
<b>SIZE</b>	222 x 23mm
<b>WARRANTY</b>	2 years
<b>SHIPPING CARTON</b>	50
<b>PRODUCT CODE</b>	SE 100001



LIGHTTOOTH

<b>HYDROPULSE POWER SUPPLY</b>	100-240V / 50-60Hz
<b>HYDROPULSE ABSORBED POWER</b>	MAX: 15W
<b>SONIC VIBRATION POWER SUPPLY</b>	1,5 V alkaline battery type AAA
<b>SONIC VIBRATION ABSORBED CURRENT</b>	0.19A
<b>WEIGHT</b>	~0,4 kg a
<b>SIZE</b>	111 x 150x 197 (H) mm
<b>BASIN VOLUME</b>	MAX: 800 ml
<b>ELECTRIC BASE WATER PROTECTION</b>	IPX4
<b>HANDLE WATER PROTECTION</b>	IPX7
<b>WARRANTY</b>	2 years
<b>SHIPPING CARTON</b>	6 Units
<b>PRODUCT CODE</b>	BD 100000/01



HUMI.  
RAINBOW



ESSENTIA

<b>WATER TANK CAPACITY</b>	2,8 l	85 ml
<b>SPRAYING SPEED</b>	280 ml/h	16 ml/h
<b>ROOM DIMENSION</b>	10 - 25 m	25 m2 max.
<b>MAX OPERATION TIME</b>	10 h	8 h
<b>POWER SUPPLY</b>	100 -240V 50/60Hz	100-240V / 50-60Hz (with 24V adapter unit)
<b>POWER CONSUMPTION</b>	23W	9W
<b>CABLE LENGTH</b>	1,5 m	1,5 m
<b>SIZE</b>	19 x 19 x 30 cm	8.5 x 8.5 x 15.1 cm
<b>WEIGHT</b>	1.40 kg	0.64 kg
<b>WARRANTY</b>	2 years	2 years
<b>SHIPPING CARTON</b>	6	8
<b>PRODUCT CODE</b>	UM 100500	UM 100600





## START OFF ON THE RIGHT FOOT

Every mum wants what's best for her baby from day one. Then it's good to know there is expert advice on hand to help take care of mums and babies during the first stage of their lives. CA-MI products will support the choices of mums in every field of babies' growth, as this company aims to help every mum to make her baby start off on the right foot.



▲ *Thermo Baby, p. 60*

## A WHOLE WORLD FOR NEWBORNS CARE

CA-MI products are selected to support every mum's choice. Hence, whether it's breastfeeding or bottle-feeding, and while monitoring and taking care of the baby's health, CA-MI's there from the very first steps.

BABY-CARE



## THE IMPORTANCE OF BREASTFEEDING

Breast milk is the best for the baby's start in life. It contains all the necessary substances to satisfy the nutritional and psychological needs of the newborn up to the age of 6 months and provides natural protection against infections as well as supporting the infant's ongoing health and development. CA-MI 's breast pumps are designed to help mothers in the breastfeeding journey, making it easier and comfortable to give their children all the advantages of breast milk.

### SAFE & HYGIENIC

Made of medical grade silicone, safe to use and easy to sterilize.

### COMFORTABLE

Soft, flexible cushion, feels extra comfortable on the breast.

### ADJUSTABLE

Aspiration can be adjusted to respect maternal breast sensibility and guarantee painless milk extraction.



*Comfortable*  
EASY-TO-USE

▲ Mamy Milk p.58

## GENTLE & SAFE

CA-MI products are made only with the best materials to guarantee that every baby is treated with the gentleness and safety they deserve.



▲ Funny Teeth p. 59

## MANUAL MILK

### BREAST PUMP



#### Safe and hygienic materials

Made of medical grade silicone, safe to use and easy to sterilize.



#### Ergonomic

Compact design, easy to hold and position on your breast.



#### Extra comfortable

Soft, flexible cushion, feels extra comfortable on the breast.

## INCLUDED ACCESSORIES

#### NIPPLE SHIELD

made of soft and hygienic silicone

#### MILK BOTTLES ADAPTER

Universal model

#### MILK BOTTLE

Size: 140ml, with nipple and protecting cap

#### SPARE VALVE

PRODUCT CODE DC 600100

## MAMY MILK

### BREAST PUMP



#### 10 adjustable speeds

Aspiration can be adjusted to respect maternal breast sensibility and guarantee painless milk extraction.



#### Safe and hygienic materials

Made of medical grade silicone, safe to use and easy to sterilize.



#### Ergonomic

Compact design, easy to hold and position on your breast.



#### Extra comfortable

Soft, flexible cushion, feels extra comfortable on the breast.

## INCLUDED ACCESSORIES

#### NIPPLE SHIELD

made of soft and hygienic silicone

#### MILK BOTTLE

Size: 140ml, with nipple and protecting cap

#### AIR TUBE

#### SUPPORT BASE

#### AC/DC POWER ADAPTER

Input: 100-240V 50-60Hz 0,4A

#### USB CABLE

PRODUCT CODE DC 650000

## NEW MUKY

### NASAL INSPIRATOR



#### Optimal aspiration

Removes thick mucus effectively thanks to the max suction power of 58 kPa.



#### Easy to clean

It can be easily disassembled for cleaning.



#### Entertaining

Plays a sweet melody for baby entertainment.



#### Soft & gentle

Thanks to its gentleness an be used from the first days of life.



#### 2 adjustable speeds

Aspiration can be adjusted to the desired speed.

## INCLUDED ACCESSORIES

#### NARROW TIP

made of soft and hygienic silicone

#### LARGE TIP

made of soft and hygienic silicone

#### 1,5V BATTERIES

2 x Alkaline AA size, replaceable.

## FUNNY TEETH

### KIDS ELECTRIC TOOTHBRUSH



#### Sonic vibration

High-speed hairbrush vibration, removing thoroughly sticky dental plaque deep down to the gum line.



#### USB-Friendly

Rechargeable battery powered by micro-USB charger, to use it anywhere.



#### Multi-function

3 washing modes (white/ clean/ sensitive) and 3 massages modes.



#### Time alert

Automatic short stop every 30 sec., reminding the user to brush the next sextant of the mouth.



#### Ergonomic & gentle

Ergonomic DuPont head with soft bristles.



#### Baby friendly

Easy to hold thanks to its small size and pleasant thanks to the cartoon design.

## INCLUDED ACCESSORIES

#### MICRO-USB CHARGER

to charge the toothbrush anywhere

#### 2 BRUSH-HEADS

PRODUCT CODE SE 100002

PRODUCT CODE DC 656000

## THERMO BABY

BOTTLE WARMER



### Universal

Suitable for all milk bottles models.



### Reliable

Warms milk gradually and in a uniform way.



### Multifunction

3 modes helping mothers taking care of their babies:

40° C Defrosts and keeps warm

70° C Heats baby food

100° C Sterilizes small items



### Sterilize mode

Can be used to sterilize small objects.



### Energy save

Automatically shuts off after 10 seconds.

## INCLUDED ACCESSORIES

### FOOD WARMER

with cover

### AC/DC POWER ADAPTER

220-240V, 50Hz, 220W

PRODUCT CODE BW 100200

## BAMBY

BABY ELECTRONIC SCALE



### Superior accuracy

Thanks to its 4 high-quality sensors detects even small changes in weight (5g).



### Monitors every step

Made to measure the weight of newborns, toddlers, and young kids (0,5-20kg).



### Durable materials

Made of sturdy and long lasting ABS plastic.



### Energy save

Automatically shuts off after 10 seconds.

## INCLUDED ACCESSORIES

### LITHIUM BATTERY

1 x 3V DC lithium battery (cr2032)

PRODUCT CODE BL 100003





#### MANUAL MILK

#### MAMY MILK

#### THERMOBABY

#### NEW MUKY

	<i>Manual breast pump</i>	<i>Electric breast pump</i>	<i>Bottle warmer</i>	<i>Nasal Aspirator</i>
POWER SUPPLY	—	<b>AC/DC adapter:</b> 6V, input 100-240V 50-60Hz 0,4A <b>USB cable:</b> 5V, 1A by for connection to PC or power bank <b>Alkaline batteries:</b> 6V, 4x AA-1.5V	<b>AC/DC ADAPTER:</b> 220V 50Hz 220W by (input: 100-240V 50-60Hz 0,4A)	2x AA-1.5V alkaline batteries
VACUUM PRESSURE	Manual	10 levels of aspiration: from -9 to -39kPa	—	58 kPa
IP CODE	—	IP22	—	IP22
WEIGHT	430 g	305 g	510 g	152 g
SIZE	7,5 x 9 x 20 cm	BASE: 12,2 x 12,2 x 8,4 cm MILK BOTTLE: 7,5 x 9 x 20 cm	16 x 15 x 14,5 cm	17,2 x 5,4 x 7,2 cm
WARRANTY	2 years	2 years	2 years	2 years
SHIPPING CARTON	12 units	12 units	12 units	12 units
PRODUCT CODE	DC 600100	DC 650000	BW 100200	DC 656000



#### FUNNY TEETH



#### BAMBY

	<i>Kids electric toothbrush</i>
BATTERY	lithium battery
BATTERY CAPACITY	400mAh
POWER SUPPLY	DC 3.7V
POWER CONSUMPTION	1.0W
IP CODE	IPX7
CHARGING METHOD	USB
INPUT	DC5V—1A
WEIGHT	65g
SIZE	222 x 23mm
WARRANTY	2 years
SHIPPING CARTON	50
PRODUCT CODE	SE 100002

	<i>Baby scale</i>
CAPACITY	0,5/20 Kg
SCALE INTERVAL	5 g
LCD DISPLAY SIZE	72 x 28 mm
POWER FEEDING	3V DC lithium battery (CR2032), included
BATTERY LIFE	3.000 measurements
SIZE	560 x 330 x 53 mm
WEIGHT	4,5 Kg
WARRANTY	2 years
SHIPPING CARTON	2 units
PRODUCT CODE	BL 100003



S U C T I O N

# SURGICAL SUCTION UNITS

 made in Italy

## MEDICAL SUCTION

Surgical suction units are medical devices used to remove surgical fluids, tissue, gases and bodily fluids by sucking the material through a cannula into a collection jar.

Thanks to its thirty-years experience, CA-MI designed a complete line of high-quality vacuum solutions combining reliable suction power, ease of use and handling.

CA-MI suction units can be divided in three main categories to suit different needs and settings such as wards, theaters, ambulances, home-care etc.

## CATEGORIES



### Desk-type

Portable suction units with reduced size and weight that can be easily displaced. Trolley on castors available as an option.



### Battery-operated

Suction units that besides standard operation by mains have autonomy by internal rechargeable battery.



### On-castors

Professional suction units on antistatic castors, offering a great choice of accessories for various applications.

## DESK-TYPE / BATTERY OPERATED MODELS



### ANTIBACTERIAL/HYDROPHOBIC FILTER

Single-patient filters to avoid cross contaminations and liquid passage to the pump.

### LIQUID COLLECTION JAR

Single or multiple containers in different sizes and materials, reusable or disposable. Provided with cover and overflow valve system.

### VACUUM REGULATOR

Manual knob/digital keys for accurate adjustment of vacuum levels.

### VACUUM GAUGE

Analogic display in different diameters with graduated scale in mmHg and kPa (interval by 5).

### ON/OFF SWITCH

Mechanical or digital switch.

### CONICAL CONNECTOR

Different diameters to connect any type of cannula.

## ON-CASTORS MODELS



### MPR SYSTEM (MULTI-PURPOSE RAIL)

Easy interchange of CA-MI accessories, such as rings of various diameters to accommodate jars, safety trap bottles, cannula holders or a standard medical rail where to hook any accessory by means of standard clamps.

### SAFETY TRAP BOTTLE

An additional protection of the pump besides the overflow valve system inside every jar.

### HANDLE

for easy displacement

### REAR COMPARTMENT

for accessory storage.

### 4 X TWIN ANTISTATIC CASTORS

Ø 75 mm with brakes with 360° swivel.

### FOOT-SWITCH PEDAL

for intermittent or continuous use.

## NEW ASPIRET

### SURGICAL SUCTION UNIT



#### Non-stop operation

In order to guarantee the best performance, device can work without interruption 24/24h.



#### Small size & lightweight

Can be placed anywhere and easily moved.



#### High-quality materials

The chassis is made of VO(UL94) ABS durable plastic.



#### Long lasting accessories

Accessories are made in resistant, autoclavable materials to guarantee safety and hygiene over time.

## INCLUDED ACCESSORIES

### JAR OR FLOVAC SYSTEM

+ overflow valve system (see model specifications)

### AUTOCCLAVABLE SILICONE TUBES

Tubes (ø 0,6/1 x 13 or 26 cm) + 1 patient tube (140 cm)

### CONICAL CONNECTOR

ø 8-9-10mm

### ANTIBACTERIAL & HYDROPHOBIC FILTER

single-patient

### CH20 CANULA

### POWER CORD WITH SCHUKO PLUG

## PRODUCTS' CODES

### RE 310001

+1000 ml autoclavable jar (Makrolon 121°C)

### RE 310001/01

+2000 ml autoclavable jar (Makrolon 121°C)

### RE 310002

+1000 ml Flovac System

### RE 310002/01

+2000 ml Flovac System

## NEW ASKIR 30

### SURGICAL SUCTION UNIT



#### Non-stop operation

In order to guarantee the best performance, device can work without interruption 24/24h.



#### Small size - high performance

Thanks to its powerful engine it can reach a max vacuum power of -0,80 Bar



#### High-quality materials

The chassis is made of VO(UL94) ABS durable plastic.



#### Long lasting accessories

Accessories are made in resistant, autoclavable materials to guarantee safety and hygiene over time.

## INCLUDED ACCESSORIES

### JAR OR FLOVAC SYSTEM

+ overflow valve system (see model specifications)

### AUTOCCLAVABLE SILICONE TUBES

Tubes (ø 0,6/1 x 13 or 26 cm) + 1 patient tube (140 cm)

### CONICAL CONNECTOR

ø 8-9-10mm

### ANTIBACTERIAL & HYDROPHOBIC FILTER

single-patient

### CH20 CANULA

### POWER CORD WITH SCHUKO PLUG

## PRODUCTS' CODES

### RE 310100/02

+1000 ml autoclavable jar (Makrolon 121°C)

### RE 310100/03

+2000 ml autoclavable jar (Makrolon 121°C)

### RE 310101/02

+1000 ml Flovac System

### RE 310100/53

+2000 ml Flovac System

## NEW ASKIR 118

SURGICAL SUCTION UNIT



### Designed for emergency

Designed to be easily and securely installed in ambulances, the device is light, small and powerful.



### Non-stop operation

In order to guarantee the best performance, device can work without interruption 24/24h.



### Proximity sensor

Thanks to this technology the device can be easily turned on or off contactless.



### High-performance battery

Powered by a small but long-lasting lithium battery which can be recharged countless times.



### Energy save mode

The power consumption is cut-down at the very least during inactivity, guaranteeing the best performances during aspiration.

## INCLUDED ACCESSORIES

### JAR OR FLOVAC SYSTEM

+ overflow valve system (see model specifications)

### AUTOCCLAVABLE SILICONE TUBES

Tubes (ø 0,8/1,4 x 18 cm) + 1 patient tube (150 cm)

### CONICAL CONNECTOR

ø 10-11-12 mm

### ANTIBACTERIAL & HYDROPHOBIC FILTER

single-patient

### CH20 CANULA

### UNIVERSAL SWITCHING POWER ADAPTER +CABLE

100-240V 50/60Hz

### 12V CAR ADAPTER or POWERED AMBULANCE WALL MOUNT+PROTECTIVE CARRYING CASE

## PRODUCTS' CODES

### Regular Setup (CAR ADAPTER)

RE 410151 +1000 ml autoclavable jar (Makrolon 121°C)

RE 410151/01 +2000 ml autoclavable jar (Makrolon 121°C)

RE 410151/02 +1000 ml Flovac System

### Ambulance Setup (WALL MOUNT+ CARRYING CASE)

RE 410150 +1000 ml autoclavable jar (Makrolon 121°C)

RE 410150/01 +2000 ml autoclavable jar (Makrolon 121°C)

RE 410171/02 +1000 ml Flovac System

## NEW HOSPIVAC 400

SURGICAL SUCTION UNIT



### Non-stop operation

In order to guarantee the best performance, engine can work without interruption 24/24h.



### Change-over system

Automatically switches the two jar in during operation.



### Safety protection

3 protection systems against internal reflux.



### Multi-Purpose Rail System

Flexible rail that allows the rapid change of containers.

## INCLUDED ACCESSORIES

### Basic Setup

#### JAR OR FLOVAC SYSTEM

+ overflow valve system (see model specifications)

#### AUTOCCLAVABLE SILICONE TUBES

Tubes (ø 0,8/1,4 x 18 cm) + 1 patient tube (150 cm)

#### ANTIBACTERIAL & HYDROPHOBIC FILTER

single-patient

#### SAFETY TRAP BOTTLE

220 ml

#### CONICAL CONNECTOR

ø 10-11-12 mm

#### JARS ACCOMODATION RINGS

3 sizes, depending on the model

#### AIR SUCTION INLET

#### POWER CORD

### FS Setup

ALL THE ABOVE-MENTIONED ACCESSORIES

#### + FOOT-SWITCH PEDAL

with intermittent or continuous operation

### Full Setup

ALL THE ABOVE-MENTIONED ACCESSORIES

#### + CHANGE-OVER SYSTEM

from jar to jar by soft-touch keys

MORE DETAILS AVAILABLE IN THE  
SURGICAL SUCTION UNITS CATALOGUE





	<b>NEW ASKIR 230/12V BR</b>	<b>ASKIR 36 BR</b>	<b>NEW ASKIR 36 LI-ON</b>	<b>NEW ASKIR 118</b>	<b>NEW ASKIR 118 BASIC</b>	<b>ASKIR C30 BR</b>	<b>NEW HOSPIVAC BR</b>
<b>TYPE</b>	Table top, single jar	Table top, single jar	Table top, single jar	Table top, single jar	Table top, single jar	On castors, twin jar	On castors, twin jar
<b>MOTOR</b>	Oiless and maintenance- free piston pump	Oiless and maintenance- free piston pump	Oiless and maintenance- free piston pump	Oiless and maintenance- free piston pump	Oiless and maintenance- free piston pump	Oiless and maintenance- free piston pump	Oiless and maintenance- free piston pump
<b>POWER FEEDING</b>	<b>Power Adapter</b> IN: 100-240 Vca; 50/60 Hz; 100 VA OUT: 14 Vcc 4 A  <b>Lead Battery</b> 14.8 Vcc; 5.2 A  <b>Car adapter</b> 12 Vcc; 1,9 A	<b>Power Adapter</b> IN: 100-240 Vca; 50/60 Hz; 100 VA OUT: 14 Vcc 4 A  <b>Lead Battery</b> 14.8 Vcc; 5.2 A  <b>Car adapter</b> 12 Vcc; 4 A	<b>Power Adapter</b> IN: 100-240 Vca; 50/60 Hz; 100 VA OUT: 14 Vcc 4 A  <b>Lithium-Ion Battery</b> 14.8 Vcc; 5.2 A  <b>Car adapter</b> 12 Vcc; 4 A	<b>Power Adapter</b> IN: 100-240 Vca; 50/60 Hz; 100 VA OUT: 14 Vcc 4 A  <b>Lithium-Ion Battery</b> 14.8 Vcc; 5.2 A  <b>Car adapter</b> 12 Vcc; 4 A  <b>Wall mount for ambulance</b> 12V 4A	<b>Power Adapter</b> IN: 100-240 Vca; 50/60 Hz; 100 VA OUT: 14 Vcc 4 A  <b>Lithium-Ion Battery</b> 14.8 Vcc; 5.2 A  <b>Car adapter/ ambulance wall mount</b> 12 Vcc; 4 A	<b>Power Adapter</b> IN: 100-240 Vca; 50/60 Hz; 100 VA OUT: 14 Vcc 4 A  <b>Lead Battery</b> 14.8 Vcc; 5.2 A  <b>Car adapter</b> 12 Vcc; 4 A	<b>Power Adapter</b> (internal) 220-230V / 50-60Hz  <b>Lead Battery</b> 12V 20A
<b>BATTERY AUTONOMY</b>	80 min after 4 hrs recharge	60 min after 4 hrs recharge	70 min after 6 hrs recharge	70 min after 6 hrs recharge	70 min after 6 hrs recharge	60 min after 4 hrs recharge	250 min after 8 hrs recharge
<b>ISO 10079-1 CLASSIFICATION</b>	High Vacuum / Low Flow	High Vacuum / High Flow	High Vacuum / High Flow	High Vacuum / High Flow	High Vacuum / High Flow	High Vacuum / High Flow	High Vacuum / High Flow
<b>MAX VACUUM adjustable</b>	-0,75 bar -75 kPa -563 mmHg	-0,80 Bar -80 kPa -600 mmHg	-0,80 Bar -80 kPa -600 mmHg	- 0,75 bar -75 kPa - 563 mmHg	- 0,75 bar -75 kPa - 563 mmHg	-0,80 Bar -80 kPa -600 mmHg	-0,85 bar -85 kPa -637,5 mmHg
<b>MAX FREE AIR FLOW RATE</b>	16 l/min	36 l/min	36 l/min	26 l/min	36 l/min	36 l/min	50 l/min
<b>NOISE LEVEL</b>	63,0 dB(A)	65,5 dB(A)	60 dB(A)	Min, 46,7 dB Max, 61,8 dB (depending on power supply)	54,7 – 68,2 dB(A) (depending on power supply)	65,5 dB(A)	60,5 dB
<b>DUTY CICLE</b>	Non-stop operation (by mains only)	Non-stop operation (by mains only)	Non-stop operation (by mains only)	Non-stop operation (by mains only)	Non-stop operation (by mains only)	Non-stop operation (by mains only)	Non-stop operation (by mains only)
<b>PROXIMITY® FUNCTION</b>	-	-	Yes	Yes	Yes	-	-
<b>IP PROTECTION DEGREE</b>	IP21	IP21	IP22	IP22	IP22	-	-
<b>WEIGHT unit packed with all accessories</b>	3,50 Kg	4,06 Kg	3,00 Kg	2,70 Kg	2,50 Kg	17,98 Kg	20,0 Kg
<b>DIMENSIONS</b>	cm 35x18x21	cm 35x18x21	cm 35x18x21	cm 35x15x19	cm 35x15x19	cm 32x30x99	cm 46x42x85
<b>WARRANTY</b>	2 years	2 years	2 years	2 years	2 years	2 years	2 years
<b>SHIPPING CARTON</b>	3	3	2	2	2	1	1
<b>MANUFACTURING COUNTRY</b>	Italy	Italy	Italy	Italy	Italy	Italy	Italy



NEW ASPIRET	NEW ASKIR 20	NEW ASKIR 30	NEW ASKIR 30 PROXIMITY	NEW ASKIR 30 12V	NEW EMIVAC	ASKIR C30	NEW HOSPIVAC 350	NEW HOSPIVAC 400
Table top, single jar	Table top, single jar	Table top, single jar	Table top, single jar	Table top, single jar, for ambulance only	Manual pump, single jar	On castors, twin jar	On castors, twin jar	On castors, twin jar
Oiless and maintenance-free piston pump	Oiless and maintenance-free piston pump	Oiless and maintenance-free piston pump	Oiless and maintenance-free piston pump	Oiless and maintenance-free piston pump	-	Oiless and maintenance-free piston pump	Oiless and maintenance-free piston pump	Oiless and maintenance-free piston pump
220-230V / 50-60Hz or 120-127V / 60Hz	220-230V / 50-60Hz	220-230V / 50-60Hz or 110-127V / 60Hz	220-230V / 50-60Hz	Car adapter 12V dc; 1,9 A	Foot operated by pedal	220-230V / 50-60Hz	220-230V / 50-60Hz or 110-127V / 60Hz	220-230V / 50-60Hz
-	-	-	-	-	-	-	-	-
High Vacuum / Low Flow	High Vacuum / Low Flow	High Vacuum / High Flow	High Vacuum / High Flow	High Vacuum / High Flow	Medium Vacuum	High Vacuum / High Flow	High Vacuum / High Flow	High Vacuum / High Flow
-0,75 bar -75 kPa -563 mmHg	-0,75 bar -75 kPa -563 mmHg	-0,80 Bar -80 kPa -600 mmHg	-0,80 Bar -80 kPa -600 mmHg	-0,75 bar -75 kPa -563 mmHg	-0,40 bar -40 kPa -300 mmHg	-0,80 Bar -80 kPa -600 mmHg	-0,90 bar -90 kPa -675 mmHg	-0,90 bar -90 kPa -675 mmHg
15 l/min	16 l/min	40 l/min	40 l/min	25 l/min	22 l/min (mean value)	40 l/min	60 l/min	90 l/min
59,6 dB(A)	60,5 dB(A)	60,5 dB(A)	60,5 dB(A)	61,5 dB(A)	-	61,5 dB(A)	51,7 dB(A)	min, 46,4 dB(A)
Non-stop operation	Non-stop operation	Non-stop operation	Non-stop operation	On: 20min - Off: 40min	-	Non-stop operation	Non-stop operation	Non-stop operation
-	-	-	Yes	-	-	-	-	-
IP21	IP21	IP21	IP21	-	-	-	-	-
Kg 2,20	Kg,50	Kg 3,60	Kg 3,60	Kg 2,50	Kg 1,15	Kg 6,20	Kg 13,0	Kg 20,0
cm 19x23x15	cm 35x18x21	cm 35x18x21	cm 35x18x21	cm 35x18x21	cm 22x16x8	cm32x30x99	cm 46x42x85	cm46x42x85
2 years	2 years	2 years	2 years	2 years	2 years	2 years	2 years	2 years
4	3	3	3	4	6	1	1	1
Italy	Italy	Italy	Italy	Italy	Italy	Italy	Italy	Italy

MORE DETAILS AVAILABLE IN THE **SURGICAL SUCTION UNITS CATALOGUE**



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