

# Vapinal



Revisione 2 del 14.11.2011

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CE 0123

MANUALE D'USO  
INSTRUCTION MANUAL

**NEW VAPINAL** is a thermal water inhalator endowed with stainless steel boiler, inside of that work an electric resistance with 230V ac / 50HZ feeding. The device develops through a sprinkler, using venture system, damp warm vapor. The device is able to mix the vapor, developed by the boiler with the principles of thermal waters placed in the bottle outside of the device.

Built with body in plastic material with elevated thermal and electric isolation in conformity to the European safety standards, the device has been designed for the inhalation of thermal waters in bottle and it's endowed with specific safety system like the double safety thermostat applied on the boiler and the safety anti-screw cap.

## GENERAL WARNINGS

**CAREFULLY CONSULT THE USER MANUAL BEFORE USING THE EQUIPMENT  
DON'T OPEN THE DEVICE**

**FOR TECHNICAL ASSISTANCE CONTACT CA-MI AFTER-SALES SERVICE**

**MAKE SURE THAT CHILDREN AND/OR MENTALLY ILL PEOPLE DO NOT USE THE DEVICE  
WITHOUT ADULT SURVEILLANCE**



**ALWAYS PLACE THE DEVICE IN POSITIONS FOR EASY DISCONNECTION**

## FONDAMENTAL SECURITY STANDARDS

1. Check the condition of the unit before each use. The surface of the unit should carefully inspected for visual damage. Check the mains cable and **do not connect to power** if damage is apparent.  
**In that cases don't connect the electric cable to the electric network.**
2. **ATTENTION:** To avoid the risk of electric shock, this device should only be plugged into grounded mains!
3. Before connecting the appliance always check that the electric data indicated on the data label and the type of plug used, correspond to those of the mains electricity to witch it's to be connected;
4. Before connecting the device, fill the boiler with 800ml of **demineralized or distilled water** and check that no water is leaking from the bottom of the unit. In contrary case **don't use the device** and immediately contact CA-MI technical service.
5. If steam can be seen leaking from the safety cap, turn the unit off and contact CA-MI technical Service. If this happens, unplug the unit and check it as indicated in the "MAINTENANCE" chapter. If the problem persists, contact a Technical Service.
6. Respect the safety regulations indicated for electrical appliances and particularly:
  - Use original components and accessories provided by the manufacturer CA-MI to guarantee the highest efficiency and safety of the device;
  - Never use tap water, as the minerals will jeopardize the unit's operation, clogging the nebulizer nozzle and the boiler.
  - Always check that there is demineralised or distilled water inside the boiler before use. The device's operation includes activating a thermal protector with a manual reset.
  - Never immerge the appliance into water;
  - Place instrument on stable and flat surfaces;
  - Position the device in a way that the air inlets on the back aren't obstructed;
  - Don't use in the presence of inflammable substances such as anaesthetic, oxygen or nitrous oxide;
  - Don't touch the device with wet hands and always prevent the appliance coming into contact with liquids;
  - Keep off the reach of children or not capable people without supervision;
  - Don't leave the appliance connected to the power supply socket when not in use;
  - Don't pull the power supply cable to disconnect the plug remove the plug from the mains socket correctly;
  - Preserve and use the medical device in environments protected from atmospheric factors and at a distance from heat sources;
7. **This medical device must be destined exclusively for the use for witch it has been designed ad described in this manual.** Any different use must be considered incorrect and therefore dangerous; the manufacturer will not be responsible for damage due to improper use or connection to an electrical system not complying with current regulations
8. **Keep this manual for future reference**
9. Particular precautions must be made concerning electromagnetic compatibility. The medical device must be installed and used according to information supplied with the accompanying documents;
10. Instrument and accessories discharging must be done following current law regulations in every country of use.
11. None of electric or mechanical parts have been designed to be repaired by customers or end-users. Don't open the device, do not mishandle the electric / mechanical parts. Always contact CA-MI technical assistance
12. If the device accidentally falls in a sink, etc, don't try to remove the unit from the water while it's plugged in. Turn off the main breaker, unplug the device and contact a qualified technician: don't attempt to use the device before it has been thoroughly check by a technician or CA-MI technical service
13. Using the device in environmental conditions different than those indicated in this manual may harm seriously the safety and the technical characteristics of the same.

14. This device has small parts which could be swallowed by children: therefore, keep the device out of reach of children.
15. Store the accessories out of reach of children. Children and people with learning difficulties must only use the medical device under the strict supervision of an adult with full mental faculties. Keep the ampoule out of reach of children under 36 months as it contains small parts that may be swallowed accidentally. **Never leave the device unattended in places accessible to minors and / or the disabled.**
16. The manufacturer will provide upon request electric diagrams, components list, descriptions, setting instructions and any other information that can help the technical assistance staff for product repair.
17. **ATTENTION** : Always put the inhalation cruet 30 cm far from the body

**IMPORTANT INFORMATION FOR CORRECT DISPOSAL OF THE PRODUCT IN ACCORDANCE WITH EC DIRECTIVE 2002/96/EC:**








In respect of art. 13 Decreto Legislativo 25 Luglio 2005, n.151 "Actuation of European directives 2002/95/EC, 2002/96/EC and 2003/108/EC, for reduction in use of dangerous substances in the electric and electronic device and for garbage disposal"

The symbol as over applied on the device or its packaging means that at the end of its useful life the product must not be disposed of with domestic waste. At the end of device useful, the user will must deliver it to the able collecting centres for electric and electronic garbage, or give back to the retailer in the moment of equivalent new device purchasing, one against one. Disposing of the product separately prevents possible negative consequences for the environment and for health, deriving from inadequate disposal. It also allows the recovery of materials of witch it's made up in order to obtain an important saving of energy and resources and to avoid negative effects to the ambient and health. In case of abusive disposal of device by user, will be applied administrative endorsements in compliance with current standard.

### TECHNICAL SPECIFICATIONS

|                          |  |
|--------------------------|--|
| TIPOLOGY (MDD 93/42/EEC) | Medical Device Class IIa   |
| MODEL                    | <b>NEW VAPINAL (Thermal Water Inhaler)</b>                       |
| CODE                     | <b>REF RE 420000</b>   |
| SECURITY CLASS           | Class I  |
| POWER FEEDING            | 230 V ~ / 50Hz   |
| POWER CONSUMPTION        | 600W   |
| FUSE                     | F 2 x 4A 250V  |
| BOILER CAPACITY          | 800cc di Distilled or Demineralized Water                        |
| HEATING TIME             | 12 ÷ 15 min  |
| INHALATION TIME          | 12 ÷ 15 min (for 1000ml of thermal water)                        |
| DIMENSION                | 250 x 280(h) x 240mm   |
| WEIGHT                   | 1.5Kg (without water)  |
| ENVIRONMENT CONDITIONS   | Ambient Temperature: 10 ÷ 40°C<br>Ambient Humidity: 20 ÷ 85% RH  |
| STORAGE CONDITIONS       | Ambient temperature: -25 ÷ 70°C<br>Ambient Humidity: 10 ÷ 95% RH |

## SIMBOLOGY

|   |  |
|---|--|
| <b>CE 0123</b>  | Conformity to MDD 93/42/CEE and subsequent changes<br>Manufacturer: CA-MI S.r.l.<br>Via Ugo La Malfa nr.13 - 43010 Pilaastro (PR) Italia |
|  | Warning, please consult the user manual  |
|  | Keep cool and dry land   |
|  | Storage temperature: -25÷ 70°C   |
|  | Fuse   |
| ~   | AC Voltage   |
| Hz  | Mains frequency  |
|  | Protection Earth   |
| <b>REF</b>  | REF Code   |
| I   | ON   |
| O   | OFF  |

**Applicable Rules:** EN 60601-1 - EN 60601-1-2

A copy of this EC declaration and CE Certificate may be requested from CA-MI S.r.l. - Via Ugo La Malfa nr. 13 - 43010 Pilaastro (PR) Italia.



*CA-MI S.r.l. cannot be held liable for accidental or in direct damages should the device be modified, repaired without authorization or should any of its component be damaged due to accident or misuse.*


*Any minimal modification / repair on the device voids the warranty and does not guarantee the compliance with the technical requirements provided by the MDD 93/42/EEC (and subsequent changes) and its normatives.*

This section contains information regarding the conformity of the compliance with the IEC 60601-1-2 Standard. The ASKIR 36BR surgical aspirator is an electro-medical device that requires particular precautions regarding electromagnetic compatibility and which must be installed and commissioned according to the electro-magnetic compatibility information supplied.

Mobile and portable RF communication appliances (mobile phones, transceivers, etc..) can affect the medical system. The use of accessories, transducers and cables different to those specified, with the exception of transducers and cables sold by the appliance and system manufacturer as spare parts, can lead to an increase in emissions or in a decrease of the immunity of the device or system.

| <b>Guidance and manufacturer's declaration - Electromagnetic Emissions</b>  |                   |   |
|---|-------------------|---|
| The <b>NEW VAPINAL</b> Thermal Water Inhaler is intended for use in the electromagnetic environment specified below.. |                   |   |
| <b>Emissions Test</b>   | <b>Compliance</b> | <b>Electromagnetic environment - guidance</b>   |
| Irradiated / Conducted emissions CISPR11  | Group 1           | The Thermal Water Inhaler NEW VAPINAL only used RF energy only for its internal functioning. Therefore its RF emissions are very low and are not cause interference in proximity of any Electronic appliances.        |
| Irradiated / Conducted emissions CISPR11  | Class [B]         | The Thermal Water Inhaler NEW VAPINAL can be used in all environments, including domestic and those connected directly to the public mains distribution that supplies power to environments used for domestic scopes. |
| Harmonic emissions IEC/EN 61000-3-2   | Class [A]         |   |
| Voltage fluctuations / flicker emissions IEC/EN 61000-3-3   | Complies          |   |

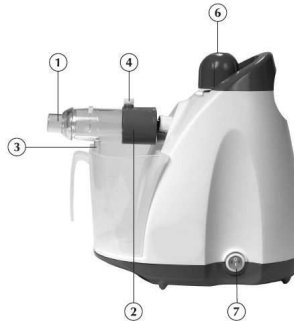
| <b>Guidance and manufacturer's declaration - Immunity Emissions</b>  |  |                                     |  |
|--|--|-------------------------------------|--|
| The <b>NEW VAPINAL</b> Thermal Water Inhaler is intended for use in the electromagnetic environment specified below. |  |                                     |  |
| <b>Immunity Test</b>   | <b>Level indicated by the IEC 60601-1-2</b>  | <b>Compliance Level</b>             | <b>Electromagnetic environments - guidance</b>   |
| Electrostatic discharge (ESD) IEC/EN 61000-4-2   | $\pm 6kV$ on contact<br>$\pm 8kV$ in air   | The device doesn't change its state | Floors should be wood, concret or ceramic tile. If floors are covered with synthetic material, the relative humidity should be at least 30%.   |
| Electrical fast transient / burst IEC/EN 61000-4-4   | $\pm 2kV$ power supply lines<br>$\pm 1kV$ for input / output lines   | The device doesn't change its state | Mains power quality should be that of a typical commercial environment or hospital.  |
| Surge IEC/EN 61000-4-5   | $\pm 1kV$ differential mode  | The device doesn't change its state | Mains power quality should be that of a typical commercial environment or hospital.  |
| Loss of voltage, brief voltage interruptions and variations IEC/EN 61000-4-11  | 5% $U_T$ (>95% dip $U_T$ ) for 0.5 cycle<br>40% $U_T$ (>60% dip $U_T$ ) for 5 cycle<br>70% $U_T$ (>30% dip $U_T$ ) for 25 cycle<br><5% $U_T$ (>95% dip $U_T$ ) for 5 sec | -                                   | Mains power quality should be that of a typical commercial environment or hospital If the user of the Thermal Water Inhaler NEW VAPINAL request that the appliance operates continuously, the use of a continuity unit is recommended. |
| Magnetic field IEC/EN 61000-4-8  | 3A/m   | The device doesn't change its state | The power frequency magnetic field should be measured in the intended installation location to assure that it's sufficiently low.  |
| Note $U_T$ is the value of the power supply voltage  |  |                                     |  |

| <b>Guidance and manufacturer's declaration - Immunity Emissions</b>  |  |                         |  |
|--|--|-------------------------|--|
| The <b>NEW VAPINAL</b> Thermal Water Inhaler is intended for use in the electromagnetic environment specified below.   |  |                         |  |
| <b>Immunity Test</b>   | <b>Level indicated by the IEC 60601-1-2</b>                | <b>Compliance level</b> | <b>Electromagnetic environments - guidance</b>   |
| Conducted Immunity<br>IEC / EN 61000-4-6   | 3Vrms 150kHz to 80MHz<br>(for non life-supporting devices) | $V_1 = 3 \text{ V rms}$ | <p>The portable and mobile RF communication devices, including cables, must not be used closer to the NEW VAPINAL device, than the separation distance calculated by the equation applicable to the transmitter frequency. Recommended separation distance</p> $d = [3.5 / V_1] \sqrt{P}$ $d = [12 / E_1] \sqrt{P} \text{ from 80 MHz to 800MHz}$ $d = [23 / E_1] \sqrt{P} \text{ from 800 MHz to 2.5 GHz}$ <p>Where P is the maximum nominal output voltage of the transmitter in Watt (W) depending on the manufacturer of the transmitter and the recommended separation distance in metres (m). The intensity of the field from the fixed RF transmitters, as determined by an electro-magnetic study of the site<sup>9)</sup>, could be lower than the level of conformity of each frequency interval<sup>10)</sup>.<br/>It is possible to check for interference in proximity to devices identified by the following symbol:</p>  |
| Radiated Immunity<br>IEC / EN 61000-4-3  | 3V/m 80MHz to 2.5GHz<br>(for non life-supporting devices)  | $E_1 = 3 \text{ V / m}$ |  |
| <p>Note 1: At 80 MHz and 800 MHz the interval with the highest frequency is applied<br/> Note 2: These guide lines may not be applicable in all situations. The electro-magnetic propagation is influenced by the absorption and by reflection from buildings, objects and people.</p> <p>a) The field intensity for fixed transmitters such as the base stations for radiotelephones (mobile and cordless) and terrestrial mobile radio, amateur radio devices, radio AM and FM transmitters and TV transmitters can not be theoretically and accurately foreseen.</p> <p>To establish an electro-magnetic environment generated by fixed RF transmitters, an electro-magnetic study of the site should be considered. If the field intensity measured in the place where the device will be used surpasses the above mentioned applicable level of conformity, the normal functioning of the device should be monitored. If abnormal performance arises, additional measures such as changing the device's direction or positioning may be necessary.</p> <p>b) The field intensity on an interval frequency of 150 kHz to 80 MHz should be less than 3 V/m.</p> |  |                         |  |

| <b>Recommended separation distance between portable and mobile radio-communication devices and the monitor</b>  |   |  |   |
|---|---|--|---|
| The Thermal Water Inhaler NEW VAPINAL is intended to operate in an electro-magnetic environment where RF irradiated interferences are under control. The client or operator of the NEW VAPINAL device can help prevent electro-magnetic interference by keeping a minimum distance between the portable and mobile RF communication devices (transmitters) and the NEW VAPINAL device, as recommended below, in relation to the radio-communication maximum output power. |   |  |   |
| <b>Maximum nominal output power of the Transmitter W</b>  | <b>Separation distance from the frequency transmitter (m)</b> |  |   |
|   | 150 kHz to 80 MHz<br>$d = [3.5 / V_1] \sqrt{P}$               | 80 MHz to 800 MHz<br>$d = [12/E_1] \sqrt{P}$ | 800 MHz to 2.5 GHz<br>$d = [23/E_1] \sqrt{P}$ |
| 0,01  | 0,12  | 0,12   | 0,23  |
| 0,1   | 0,38  | 0,38   | 0,73  |
| 1   | 1,2   | 1,2  | 2,3   |
| 10  | 3,8   | 3,8  | 7,3   |
| 100   | 12  | 12   | 23  |
| For transmitters with a maximum nominal output power not shown above, the recommended separation distance in metres (m) can be calculated using the equation applicable to the transmitter frequency, where P is the maximum nominal output power of the transmitter in Watt (W) depending on the transmitter's manufacturer.   |   |  |   |
| Note 1: At 80 MHz and 800 MHz the interval with the highest frequency is applied  |   |  |   |
| Note 2: These guide lines may not be applicable in all situations. The electro-magnetic propagation is influenced by the absorption and by the reflection from buildings, objects and people.   |   |  |   |

**STANDARD ACCESSORY**

- |  |  |
|--|--|
| <ul style="list-style-type: none"> <li>1- Adjustable Steam nebulizer</li> <li>2- Nebulizer nozzle</li> <li>3- Used water drain</li> <li>4- Nozzle clamping screw</li> <li>5- Nebulizer nozzle seat</li> <li>6- Safety Valve</li> <li>7- Illuminated switch (ON-OFF)</li> </ul> | <ul style="list-style-type: none"> <li>8- Tube</li> <li>9- CH17 Key</li> <li>10- Liquid collection jar</li> <li>11- Nozzle / tube connector</li> <li>12- Bottle closure cap</li> <li>13- Funnel</li> <li>14- Sprayer cleaning pin</li> </ul> |
|--|--|





CA-MI S.r.l. declares that they have verified the compatibility of this component parts of this medical device and have constructed the assembly according to the instructions contained within this user's manual.

### CLEANING OF THE DEVICE

To clean the unit, use a soft, dry cloth sprinkled with non-abrasive clearing agents or solvents.



**BE VERY CAREFUL TO MAKE SURE THAT THE POWERED INTERNAL PARTS OF THE UNIT DO NOT COME INTO CONTACT WITH LIQUID**

### CLEANING THE ACCESSORIES

Clean the accessories as described below.

#### **To clean the steam conveying nebulizer (1):**

Remove the steam conveying nebulizer from its seat in the sprayer nozzle by loosening the screw. Submerge the nebulizer into a common liquid descaler, soaking it there until all hard water deposits have disappeared. Follow the manufacturer's instructions for the liquid descaler. Rinse thoroughly with running water.

#### **To clean the sprayer nozzle.**

Remove the steam conveying nebulizer from its seat in the sprayer nozzle (2) by loosening the screw (4). Remove the sprayer guard and, using the CHI17 wrench provided, unscrew the nut that holds the part on the boiler. Hold the plastic body of the nozzle in your hand and unscrew counterclockwise.

To prevent scale deposits from forming, fill a regular glass with 50% water and 50% vinegar. Soak the nozzle for one hour in the prepared solution, then rinse under running water.

To remove scale deposits on the sprayer, fill a regular glass with 50% water and 50% common descaler.

Soak the part for 12 hours in the prepared solution, then rinse well with running water.

You may also periodically use the pin (14) provided to remove deposits from the nozzle's central hole.

If the sprayer has been taken apart for cleaning, reassemble it correctly: the seal of the nut must be flush with the socket (5) that sticks out from the side of the unit.



## INSTRUCTION FOR USE

1. Unscrew the safety valve cap (6) and fill the boiler with 800ml **demineralized or distilled water**, using the graduated container (10) and the funnel (13) provided. This quantity of water allows for one single inhalation treatment. **NEVER use tap water**, as the minerals will jeopardize the unit's operation, clogging the nebulizer nozzle and the boiler. Screw the valve cap completely, tightening it firmly.

**During normal operation do not remove the sprayer guard**



**NEVER submerge the unit directly under running water.**

**For filling the boiler always use the graduated container provided for collecting condensation and the funnel provided.**

2. Insert the nebulizer (1) into the sprayer and turn the screw firmly (4) to tighten it. The drain for the used water from the nebulizer must be positioned downwards;
3. Place the container (10) under the nebulizer drain (3) to collect the used thermal water.
4. Place a bottle of thermal water in the appropriate compartment, then place the suction tube (8) inside the same bottle. Check that the tube is positioned at the bottom of the bottle and then close it with the closure cap (12).
5. Connect the other end of the suction tube to the sprayer connector (11).
6. Plug in the power cord of the unit to the power supply outlet.
7. To begin treatment, turn on the unit by turning the illuminated switch (7) to position I. The green light will indicate that the device is powered correctly. Wait for the release of a large amount of steam (approximately 6-8 minutes)
8. Position yourself in front of the device, at a distance of 20-40cm and begin the treatment, which will last approximately 12-15 minutes (for 1 liter of thermal water)



**BE VERY CAREFUL TO NOT REMOVE THE GUARDS OF THE BOILER LOCATED NEAR THE SPRAYER NOZZLE**

9. After treatment, turn the switch to 0 and unplug the unit. **Before opening the valve and draining the boiler, wait for the device to cool down completely**, then, once the bottle has been taken out, remove the accessories (separate the nebulizer and the sprayer suction tube), unscrew the safety cap and empty the remaining water from the boiler.
10. **ATTENTION: The amount of water placed inside the boiler (800cc) is enough for only one inhalation treatment. When the water has been used up (collected in the container), it no longer has any therapeutic value and for therefore must not be reused.**
11. Proceed with the cleaning operations as described in the CLEANING chapter.
12. For each treatment, check the water level inside the boiler.



**DO NOT OPERATE THE DEVICE WITHOUT WATER IN THE BOILER AS THIS WILL ACTIVATE A THERMAL DEVICE WITH A MANUAL RESET. RESETTNG THIS THERMOSTAT MUST BE PERFORMED AT AN AUTHORIZED CENTER AND/OR CA-MI TECHNICAL SERVICE DEPARTMENT**

**THERMAL PROTECTOR:** The unit features a thermal protector, which is triggered when the temperature rises too high. If this happens, turn off the unit by pressing the illuminated switch (to position 0) and let cool for approximately 30 minutes.

The thermal protector may be triggered by one of the following reasons:

- The unit has been operated outside of the operational limits indicated in this manual
- The unit has been operated near sources of heat and/or high temperature environments

The same device is also provided with a second thermal protector with manual reset that, in case of malfunction of the first, will lock the device definitively.

The second thermostat is triggered even if no water is inside the boiler to avoid the onset of high temperatures.

**If this happens, to be able to reuse the device, contact CA-MI S.r.l. Technical Service which will take steps to reset the safety thermostat, after having verified that the system is working.**

## MAINTENANCE

The **NEW VAPINAL** Thermal Water Inhaler does not need maintenance or lubrication.

It is necessary to check functioning and instrument before every use. Unpack the instrument and **always check** integrity of plastic parts and feeding cable., they might have been damaged during previous use.

After having filled the boiler with water, screw the valve cap back on and check that the rubber gasket is flush with the bushing of the boiler that sticks out from the device. Then plug the cord into the mains. Turn on the switch.

Verify that there are no steam leaks from the valve cap and/or sprayer nut.

**At the end of the inhalation treatment, let cool and remove the water from the boiler** (see chapter INSTRUCTIONS FOR USE). Two protection fuses (**F 2x4A 250V**) reachable from exterior and it situated in the plug protects the instrument. For fuse replacing, always the type and the range

| Problem  | Cause   | Solution  |
|--|---|---|
| 1. The water is not being drawn from the bottle.                               | Sprayer clogged with limescale.   | Allow the unit to cool, remove the sprayer with the wrench provided and clean as indicated in the cleaning chapter.   |
| 2. The device turns off mid-treatment.   | Sprayer clogged with limescale.   | Allow the unit to cool, remove the sprayer with the wrench provided and clean as indicated in the cleaning chapter.   |
| 3. Steam is not being released.  | Power cord not plugged in.<br><br>Safety thermostat has been triggered. | Make sure that the cord of the device is correctly plugged in to the mains and that the switch is turned to position I.<br><br>Check that there is water in the boiler. If the safety thermostat has been triggered, contact CA-MI Technical Service. |
| 4. The steam comes out with too little pressure from the nebulizer nozzle.     | Nebulizer nozzle clogged.   | Allow the unit to cool, remove the sprayer with the wrench provided and clean as indicated in the cleaning chapter.   |
| 5. The device turns off without completely vaporizing the water in the bottle. | Nebulizer nozzle clogged.   | The nebulizer nozzle may be blocked. For cleaning, see the paragraph "Cleaning the Accessories".  |
| 6. The device turns off during inhalation treatment.                           | Safety thermostat has been triggered.                                   | The safety thermostat could have been triggered. Wait 30 minutes for the device to cool. If the problem persists, contact CA-MI Technical Service.  |
| <b>Problems 1 - 2 - 3 - 4 - 5 - 6</b>  | <b>None of the solutions has been effective.</b>                        | <b>Contact your dealer or the CA-MI Customer Service Center.</b>  |

In case of malfunction, contact a qualified CA-MI technician and/or technician authorized by CA-MI.

**Never open the device.**

**BEFORE EVERY CHECKING OPERATION, IN CASE OF ANOMALIES OR BAD FUNCTIONING, PLEASE CONTACT CA-MI TECHNICAL SERVICE.**

**CA-MI DOES NOT GIVE GUARANTEE IF INSTRUMENT, AFTER THE TECHNICAL SERVICE CHECKING, APPEARS TO BE TAMPERED**



CA-MI S.r.l. will provide upon request electric diagrams, components list, description, setting instructions and any other information that can help the technical assistance staff for product repair.

**RULES FOR RETURNING AND REPAIRING**

**COMPLYING WITH THE NEW EUROPEAN RULES, CA-MI INDICATES THE IMPORTANT POINTS TO PROTECT INSTRUMENT AND OPERATORS HYGIENE. THESE RULES MUST BE RESPECTED IN ORDER TO GUARANTEE HYGIENE AND SAFETY TO ALL THE PEOPLE OPERATING WITH THE INSTRUMENT TO OBTAIN QUALITY AND WELL BEING.**

Every returned instrument will be hygienically checked before repairing. If CA-MI finds instrument not suitable for repairing due to clear signs of internal or external contamination, the same will be returned to customer with specification of NOT REPAIRED INSTRUMENT, accompanied by an explanation letter.

CA-MI will decide if contamination is due to bad functioning or misuse. If contamination is due to bad functioning, CA-MI will substitute the instrument, only if SALE RECEIPT and STAMPED GUARANTEE accompany the same. CA-MI is not responsible for contaminated accessories, they will be substitute at customer's expenses.

For this reason it is **COMPULSORY** to carefully disinfect the external part of the instrument and accessories with a cloth soaked in methylated spirits or hypochlorite-based solutions. Put the instrument and accessories in a bag with indication of disinfecting. We also request to specify the kind of fault, in order to speed up repairing procedures.

To this end, please read the instructions carefully in order to avoid damaging the equipment through improper use. Always specify the fault encountered so that CA-MI can establish whether it falls into the category of the faults covered by the guarantee.

**Warranty conditions**

The unit is covered by a 2-year warranty against defects in materials and workmanship. The warranty does not extend to units that have undergone unauthorised repairs or been tampered with. The warranty period commences on the purchase date. It is mandatory to attach the sales receipt or invoice serving as proof of the purchase date to the warranty certificate below, which must be filled out in every part.

Under the warranty, any components with manufacturing defects will be replaced and/or repaired free of charge. The Purchaser will bear all expenses for transporting, delivering and collecting the unit.

The warranty does not cover:

- The accessories supplied with the unit or parts subject to normal wear.
- Repair of unsubstantiated defects.
- Repairs of units that have failed or been rendered defective as a result of improper use, carelessness or negligence or if the damage is not attributable to the manufacturer (accidental falls, careless transport, etc.).

**The warranty is valid only if the sales receipt or invoice is attached**

The warranty does not cover any direct or indirect damage or injury caused to persons, animals or property as a result of improper use of the product or during its period of inefficiency.

WHEN SUBMITTING A WARRANTY CLAIM, IN OBSERVANCE OF THE ABOVE CONDITIONS, SEND THE UNIT TOGETHER WITH THE CERTIFICATE BELOW AND PROOF OF PURCHASE TO: CA-MI srl - Via Ugo La Malfa, 13 - 43010 Pilastrò (PR) - ITALY

Unit Type / Model: \_\_\_\_\_

Lot Number: \_\_\_\_\_ Date of purchase \_\_\_\_\_

Description of the defect \_\_\_\_\_  
\_\_\_\_\_

# CE 0123

Dispositivo medico Classe IIa  
*Medical Device Class IIa*



**CA-MI Srl**

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