

*from healthcare to hôtellerie*

# MEDISYSTEM

**CERTIFIED**  
**Disinfection and Sanitation**



## PROFILE

# AMIL Care

AMIL Care is a company specialised in the design, development and implementation of new automated technologies to standardize disinfection processes.

We provide our customers with high quality systems and services with eco-friendly solutions to address the problems associated with microbial contamination in critical areas and/or controlled microbial load areas.

From the outset, our production process has implemented a quality management system that meets the requirements of ISO 9001 and ISO 13485 standards.



**NEW AUTOMATED  
TECHNOLOGIES**



**ECO-FRIENDLY  
SOLUTIONS**



**STANDARDIZED  
PROCESSES**

## CERTIFICATIONS

**UNI EN ISO 9001:2015** - Production and placing on the market on his own name of non active medical devices for the disinfection of non-invasive medical devices. | Design, manufacturing and placing on the market on his own name of active medical devices for disinfection. | Provision of sanitation, disinfection and disinfestation services in health care field and not health care field. | Marketing of products intended for disinfection, disinfestation and sanitation.



**UNI CEI EN ISO 13485:2016** - Production and placing on the market on his own name of non active medical devices for the disinfection of non-invasive medical devices. | Design, manufacturing and placing on the market on his own name of active medical devices for disinfection.



**MEDIBIOS plus** : EN 61326-1:2013 - Including CISPR 11 | EN 61010-1:2010/A1:2019 jointly with EN 61010-2-040:2005



## REGISTRATION AND COMPLIANCE



EUDAMED  
SRN: IT-MF-000012107

**FDA** Registration Number :  
3011684996  
EPA  
Est. No. 91502-FL-1

**PATENTS** \_ Device for the delivery of disinfectants or similar.

**EUROPEAN PATENT**  
EP2852467 B1



**US PATENT**  
US 9,662,671 B2



**MEXICAN PATENT**  
No. 363725



**AMIL Care is the main point of reference for proper disinfection in the social and healthcare sector** and sanitation in the food and industrial sectors, as well as in residential and social environments.

The company not only manufactures and distributes products and services but, supported in its method by personalities from the world of science and research, acts as an educator regarding processes, instruments and phenomena that revolve around the themes of disinfection and sanitation.

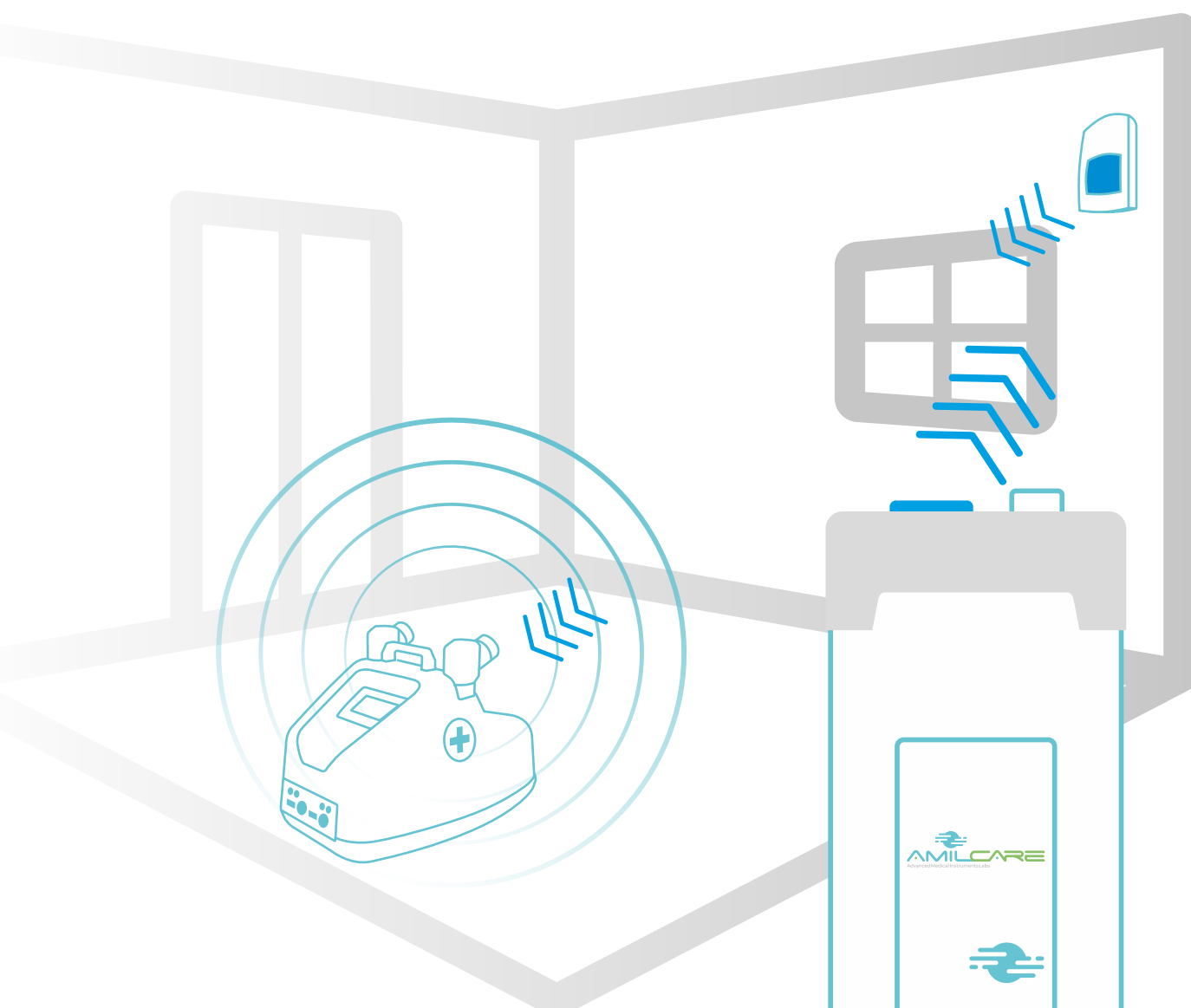
**AMIL Care is manufacturer of Medical Devices and authorized producer of PMCs** (Managerial Decree PMC n. 54/2021 - Off. I.5.i.c.5/385 - Ministry of Health).

## Medisystem

Medisystem provides a high-level disinfection automated system with **"no touch"** technology, together with **validated** decontamination protocols, mainly in critical areas and on the main multiresistant pathogens, even in areas that are difficult to reach.

The combined action of **micro-nebulization** and **disinfectant** ensures a proven effectiveness thanks to its **sporicidal, bactericidal, mycobactericidal, fungicidal** and **virucidal** activity.

Medisystem ensures a **standard** and **traceable** process. The effectiveness of the treatment does not depend on the activities and timing of the operator. The system is **user-friendly**, studied and designed to be easily used by operators without exposing them to chemical and biological risk.



## DEVICES

### Medibios plus.hub

#### LAST-GENERATION MICRO-NEBULIZER

WEIGHT: 9 Kg / 19.8 LBs

DIMENSIONS: (cm) W55 x D35 x H44 /  
(inch) W21.6 x D13.7 x H17.3

PARTICLE SIZE: from <1 to 5  $\mu\text{m}$

HOURLY CONSUMPTION: 1500 ml/h / 50.7 ounces/h

TREATABLE VOLUME: from 10 to 2000  $\text{m}^3$  /  
from 350 to 70,000  $\text{ft}^3$

2 ROTATING EMISSION NOZZLES



- Touchscreen man-machine interface.
- Displaying/Setting in 3 languages (Italian, English and Spanish).
- Password-protected Access.
- 3 cycles: sanitation, disinfection and pest control. 300 programs for each cycle: the user can enter the name of the room, the volume and the protocol (concentration  $\text{ml}/\text{m}^3$  or  $\text{ml}/35 \text{ ft}^3$ ) for each program.
- 4 validated protocols (1  $\text{ml}/\text{m}^3$  - 3  $\text{ml}/\text{m}^3$  - 5  $\text{ml}/\text{m}^3$  - 5+5  $\text{ml}/\text{m}^3$ ).
- A program called "WASHING CYCLE" allows emptying the pre-load tank and cleaning the pipes inside the device with distilled water. This operation is useful every time a disinfection (pest control) cycle is followed by one of disinfection or vice-versa.
- The programs can be started in 2 ways: now (immediately) and weekly (pre-scheduled).
- Programmable start delay.
- Advanced cycle start warning.
- Room temperature reading.
- Bottle liquid level control.
- Alarms signaling.
- Unit of measurement setting: volume ( $\text{m}^3$  -  $\text{ft}^3$ ) and temperature ( $^{\circ}\text{C}$  -  $^{\circ}\text{F}$ ).
- Buzzer activation/deactivation (acoustic signal).
- Brightness adjustment and screensaver.
- For each cycle, the device records: the number of used program, its duration, the day on which it was performed, the room temperature, start and end time, and a possible alarm (for example: the interruption of the cycle). The result of the treatments can be saved on a USB pen drive.
- The Report in PDF of the cycles performed can be exported.
- Software update uploading with USB pen drive.
- Room recognition with unique iRED.
- Remote connection, secure and encrypted, and monitoring.
- **Optional: instrument for detecting dew point temperature, relative saturation, humidity and  $\text{H}_2\text{O}_2$ .**



Medical Device



Registration Number : 3011684996

# Maxibios

## MICRO-NEBULIZER FOR LARGE VOLUMES

WEIGHT: 60 Kg / 132 LBs

DIMENSIONS: (cm) W59 x D66 x H100 /

(inch) W23 x D26 x H39

PARTICLE SIZE: from <1 to 5  $\mu\text{m}$

HOURLY CONSUMPTION: 3000 ml/h / 101.4 ounces/h

TREATABLE VOLUME: from 10 to 10000  $\text{m}^3$  /

from 350 to 350,000  $\text{ft}^3$

4 ROTATING EMISSION NOZZLES

- Touchscreen man-machine interface.
- Displaying/Setting in 3 languages (Italian, English and Spanish).
- Password-protected Access.
- 3 cycles: sanitation, disinfection and pest control. 300 programs for each cycle: the user can enter the name of the room, the volume and the protocol (concentration  $\text{ml}/\text{m}^3$  or  $\text{ml}/35 \text{ ft}^3$ ) for each program.
- 4 validated protocols (1  $\text{ml}/\text{m}^3$  - 3  $\text{ml}/\text{m}^3$  - 5  $\text{ml}/\text{m}^3$  - 5+5  $\text{ml}/\text{m}^3$ ).
- A program called "WASHING CYCLE" allows emptying the pre-load tank and cleaning the pipes inside the device with distilled water. This operation is useful every time a disinfection (pest control) cycle is followed by one of disinfection or vice-versa.
- The programs can be started in 2 ways: now (immediately) and weekly (pre-scheduled).
- Programmable start delay.
- Advanced cycle start warning.
- Room temperature reading.
- Bottle liquid level control.
- Alarms signaling.
- Unit of measurement setting: volume ( $\text{m}^3$  -  $\text{ft}^3$ ) and temperature ( $^{\circ}\text{C}$  -  $^{\circ}\text{F}$ ).
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## CHEMICAL PRODUCTS



### Evolyse basic (6% H<sub>2</sub>O<sub>2</sub>)

**AERIAL DISINFECTANT** for non-invasive medical devices and surfaces such as equipments, operating tables and medical units.

Non-dangerous good pursuant to transport regulations.

**6% H<sub>2</sub>O<sub>2</sub>:** recognized and verified efficacy on pathogens.

Ready to use solution containing hydrogen peroxide (6%) and silver sulphate (10 ppm).



### Evolyse strong (12% H<sub>2</sub>O<sub>2</sub>)

**AERIAL DISINFECTANT** for non-invasive medical devices and surfaces such as equipments, operating tables and medical units.

Faster action. Higher efficacy.

**12% H<sub>2</sub>O<sub>2</sub>:** proven and verified sporicidal, bactericidal, virucidal and fungicidal activity (such as: MRSA, C. auris, SARS-CoV-2).

Ready to use solution containing hydrogen peroxide (12%) and silver sulphate (10 ppm).

#### ACTIVE INGREDIENT: HYDROGEN PEROXIDE

Biocidal product widely used for disinfection, sterilization and antiseptic treatments.

Quadrivalent action (on bacteria, virus, fungi, spores), active also on biofilms.

Environmentally safe, eco-friendly solution.



Medical Device

CE 0426



Registration Number : 3011684996

BIOLOGICAL EFFECTIVENESS

IN VITRO TEST		
MICROORGANISM TESTED	STANDARD	ACTIVITY
Bacillus subtilis Bacillus cereus	EN 14347:2005 (medical and veterinary areas, agricultural, industrial, domestic and institutional areas)	SPORICIDE
Bacillus subtilis Bacillus cereus	EN 13704:2018 (food, industrial, domestic and institutional areas)	SPORICIDE
Pseudomonas aeruginosa Staphylococcus aureus Enterococcus hirae	EN 13727:2015 (medical area)	BACTERICIDE
Pseudomonas aeruginosa Staphylococcus aureus Enterococcus hirae MRSA Listeria monocytogenes Escherichia coli Salmonella enteritidis Legionella pneumophila	EN 1276:2019 (food, industrial, domestic and institutional areas)	BACTERICIDE
Mycobacterium terrae Mycobacterium avium	EN 14348:2005 (medical area)	MYCOBACTERICIDE
Poliovirus type 1 Adenovirus type 5 Murine Norovirus Vaccinia virus (SARS-CoV-2)	EN 14476:2019 (medical area)	VIRUCIDE
Adenovirus type 5 Murine Norovirus	EN 16777:2019 (medical area)	VIRUCIDE
Candida albicans Candida auris Aspergillus brasiliensis	EN 13624:2013 (medical area)	FUNGICIDE
Candida albicans Aspergillus brasiliensis Aspergillus niger DBS Collection	EN 1650:2019 (food, industrial, domestic and institutional areas)	FUNGICIDE
Virus Influenza Type A-H1N1	Test Lab	EFFICACY

IN VIVO TEST		
MICROORGANISM TESTED	STANDARD	ACTIVITY
Pseudomonas aeruginosa Staphylococcus aureus Enterococcus hirae Escherichia coli Acinetobacter baumannii Proteus hauseri Bacillus subtilis Candida albicans Candida auris Aspergillus brasiliensis Mycobacterium avium Mycobacterium terrae	EN 17272:2020 (medical and veterinary areas, food, industrial, domestic and institutional areas)	SPORICIDE BACTERICIDE MYCOBACTERICIDE FUNGICIDE ON SURFACES
Bacillus subtilis Mycobacterium terrae	AFNOR NF T72-190	SPORICIDE MYCOBACTERICIDE ON SURFACES
Pseudomonas aeruginosa Staphylococcus aureus Enterococcus hirae	EN 14561:2006 (medical area)	BACTERICIDE ON SURFACES
Mycobacterium avium Mycobacterium terrae	EN 14563:2009 (medical area)	MYCOBACTERICIDE ON SURFACES
Aspergillus niger Candida albicans	EN 14562:2006 (medical area)	FUNGICIDE ON SURFACES
Clostridium difficile	Test Lab	EFFICACY
Serratia marcescens Klebsiella pneumoniae ESLB MDR Acinetobacter baumannii	Test Lab	EFFICACY
Mycobacterium tuberculosis	Test Lab	EFFICACY

[www.amil-care.com](http://www.amil-care.com)

