Biotechnology System

# TEKNOBIOS

## 1L


The machine described in the present document is a diffuser of ready to use liquid solutions such as:

- Medical devices
- Biocides
- Sanitizers

**EU Code 2021.t - 1L | ~230 VAC | 50-60 Hz**

**US Code 2023.t - 1L | ~120 VAC | 50-60 Hz**

## Technical Features

- Capacity:
  **1 L / *¼ Gallon***
- Empty weight:
  **10.3 Kg / *22.7 LBs***
- Dimensions:
  (cm) **W 37 x D 23 x H 40** / *(inch)* ***W 14.5 x D 9 x H 15.7***

- **2 rotating** emission nozzles
- Particle size: from <1 to 5 µm
- Hourly consumption: 1500 ml/h ± 10% / *50.7 ounces/h ± 10%*
- Treatable volume: **from 10 to 1000 m³ / *from 350 to 35,000 ft³***

## Features of the electronic unit

- 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 ml/m³ or ml/35 ft³) for each program
- 4 validated protocols (1 ml/m³ - 3 ml/m³ - 5 ml/m³ - 5+5 ml/m³)
- 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 disinfestation (pest control) cycle is followed by one of disinfection or vice-versa
- The programs can be started in 2 ways:
  - now (immediately)
  - weekly (pre-scheduled)
- Programmable start delay
- Advanced cycle start warning
- Room temperature reading
- Product level control
- Alarms signaling
- Unit of measurement setting: volume (m³ - ft³) and temperature (°C - °F)
- Buzzer activation/deactivation (acoustic signal)
- Brightness adjustment and screensaver
- For each cycle, the device records: the used program, the facility name, the user identification, the product and its lot number, the volume, the protocol, the day on which it was performed, start and end time, the room temperature and possible alarms. 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

**Medical Device Classification:**
- class I according to Regulation (EU) 2017/745 of the European Parliament and Council of 5 April 2017 on medical devices, amending Directive 2001/83/EC, Regulation (EC) No 178/2002 and Regulation (EC) No 1223/2009 and repealing Council Directives 90/385/EEC and 93/42/EEC (Text with EEA relevance)
- class I according to FDA

**Appliance class:** class I

**Complies with standards:**
- EN 61326-1:2013 Electrical equipment for measurement, control and laboratory use - EMC requirements - Part 1: General requirements. Including standard: CISPR 11; EN 61000-3-2; EN 61000-3-3; EN 61000-4-3; EN 61000-4-2; EN 61000-4-8; EN 61000-4-4; EN 61000-4-6; EN 61000-4-5; EN 61000-4-11
- EN 61010-2-040:2015 Safety requirements for electrical equipment for measurement, control and laboratory use - Part 2-040: Particular requirements for sterilizers and washer-disinfectors used to treat medical materials. Conjunction with: EN 61010-1:2010/A1:2019/AC:2019 Safety requirements for electrical equipment for measurement, control, and laboratory use - Part 1: General requirements

CE

**EUDAMED SRN: IT-MF-000012107**

**FDA Registration No. 3011684996**

## Manufacturer


**AMIL CARE ITALIA Srl**
Via Garibaldi, 15/17
22070 Carbonate (CO)
**Web site:** www.amil-care.com

For information about TEKNOBIOS:
**Tel./Fax:** 0331 026338
**E-mail:** info@amilcareitalia.com

**For assistance:**
- assistenza@medibios.com

**AMIL CARE CORP.**
7750 West 26 Ave Unit 8
Hialeah (Miami-Dade) - FL 33016 US
**Web site:** www.amil-care.com

For information about TEKNOBIOS:
**E-mail:** info@amilcarecorp.com

**For assistance:**
- assistance@medibios.com


## Patents | Device for the delivery of disinfectants or similar.

MINISTERO DELLO SVILUPPO ECONOMICO
DIREZIONE GENERALE PER LA TUTELA DELLA PROPRIETA' INDUSTRIALE
UFFICIO ITALIANO BREVETTI E MARCHI

**ITALIAN PATENT**
**102012902055929**

Europäisches Patentamt
European Patent Office
Office européen des brevets

**EUROPEAN PATENT**
**EP2852467 B1**

uspto UNITED STATES PATENT AND TRADEMARK OFFICE

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

IMPI
INSTITUTO MEXICANO DE LA PROPIEDAD INDUSTRIAL

**MEXICAN PATENT**
**No. 363725**