

CATALOGUE

UV DISINFECTION UNITS
AIR - WATER - SURFACES
with concentrated flow of non-ionic
radiation



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MED Romania



About us:

Since 1993, MED Romania has been manufacturing a wide range of high-quality UV disinfection units specially designed to purify any area presenting a high risk of airborne bacteria and diseases (air, surfaces, water). Therefore our UV Disinfection Units have been safely operating in HOSPITALS, LABORATORIES, CLEAN ROOMS, DOCTORS' OFFICES, COMMERCIAL BUILDINGS, FOOD PROCESSING PLANTS AND RESIDENCES throughout the world and any place a concern for clean air and surfaces exists.

Our Vision:

Through the ability of our professional team consisting of Doctors, PhD, Inventors, engineers, professors, MBA, economists, to combine resources (patents, trademarks, know-how, reputation, brand equity) with company capabilities, streamlining operations and creating competitive advantage through "first mover advantage" we intend to become a leader on the UV disinfection market in Europe.

Our mission:

We dedicate ourselves to the humanity's quest for healthier, wealthier and more safer lives through innovation in UV technology designing high-quality disinfection units at affordable prices.

We are continuously adapting to market conditions and environment by improving our range of products monthly with the guarantee of choosing the most secure and efficient solutions for cleaning the microorganisms from the environment.



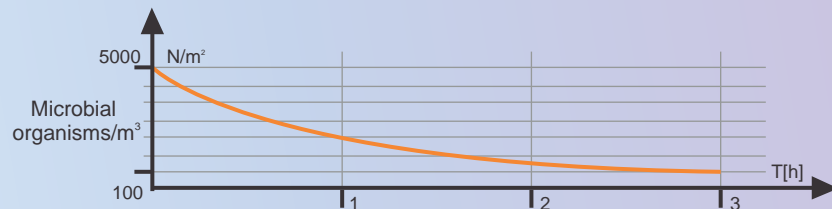
UV Technology

The ultraviolet radiation has a wavelength covering a spectrum between 100 and 400 nm and can be found in the solar light. This type of radiation can be classified in three categories, based on its wavelength:

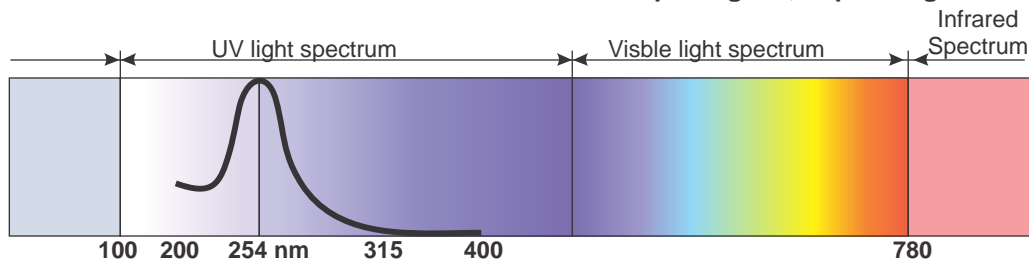
- . UV-A radiation, ranging from 315 to 400nm wavelength
- . UV-B, ranging from 280 to 315nm wavelength
- . UV-C, ranging from 100 to 260nm wavelength

Ultraviolet radiation at specific levels has been used as a means of destroying airborne bacteria and disease when subjected to proper levels. The highest germicidal effect can be achieved at 254 Nm, when the nucleic acids of microorganisms are best absorbed.

Reduction of microbial pollution over 3 hours of operation of MidasAnAir® 3040

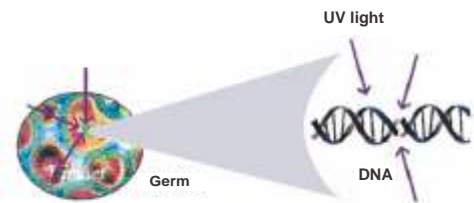


Germicidal effectiveness curve of UV radiation on pathogens, depending on the wavelength (nm)



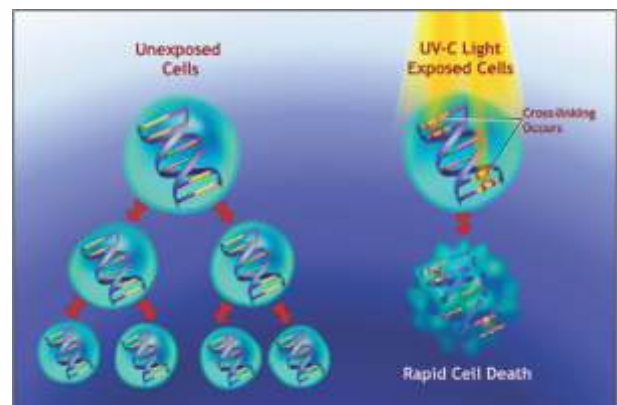
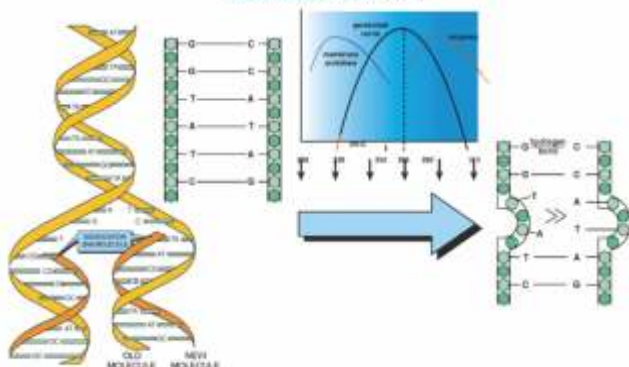
Running principle

The polluted air flow is captured in the air inlet. The UV-C generators are placed inside the device. Their radiation is concentrated through a system of ellipsoidal mirrors that form a resonant cavity, thus leading to maximum efficiency. The air circulation time is optimized according to the energy needed to destroy the micro-organisms and the energy generated by the system. It is important to mention that this patented principle (UV-C radiation guided through a system of mirrors) led to an increased efficiency of the air purifier. **It was designed and built as a system completely harmless to the user (non-ionic radiation, produces zero ozone) and works with maximum efficiency.**



Air room is disinfected by up to 99%

Ultra Violet Disinfection Destruction of DNA



Air Disinfection

MidasAnAir[®] 3040

Benefits

Prevents the spread of diseases and illness
Ozone free and no ionization of the room
Replaces the use of chemical products thus protecting the user and the environment.
Very low energy consumption
The resonant cavity generates a high level of energy per sq.cm, thus the micro-organisms level is drastically reduced by 93-99%.
Non-toxic
Eliminates undesired smells
Helps preserve archived objects and documents

Application Area

Schools and Kindergartens
Hospitals and Private Clinics
Surgery Rooms and ICUs
Food packaging rooms
Heritage storage rooms
HORECA
Offices
Rooms for keeping objects of heritage
Public Museums and Private Institutions
Chemist's industry
Receptions and Waiting rooms (bus stations, airports, hospitals, etc.)
Alimentary Industry: canned food, bread, bottled water and soft drinks bottlers
Pharmaceutical industry



Technical Specifications

Input Voltage: 230Volts; 50 Hz
Power consumption: 45W
Noise level: 19 dB
Air flow: 45 m³ / h
UV generators Life: 7000 h
UV-C wavelength: 253.7 nm
Size: 23.5cmW x 71.5cmD x 12cmH
Weight: ~ 5.5kg
User risk level: none
Metallic body; Installation: wall mounting in horizontal position
Operation mode: by using a remote control, programmable

Electronic timer to record the total working time of UV-C generators; Microprocessor-based system with self-programming functions and continuous monitoring and auto-checking of the purifier for identifying the potential malfunctions (UV-C generator malfunction, failure of air circulation, exceeding the recommended lifetime for the UV-C generators). The purpose is to identify any partial or total inability to monitor and disinfect the air. Optical and acoustic warning system automatically deactivates the device, until the problem is solved. Manual/Remote control for turning on/off the device and selection of an appropriate running time according to the room volume, so as to ensure an effective disinfection of the air and a maximum lifetime for the generators. Optical and acoustic warning of the main events (start, stop, crash, UVC generators reaching the maximum lifetime, etc.).



Air Disinfection

MidasAnAir® 3040i

Benenefits

- Prevents the spread of diseases and illness
- Ozone free and no ionization of the room
- Replaces the use of chemical products thus protecting the user and the environment
- Very low energy consumption
- The resonant cavity generates a high level of energy per sq.cm, thus the micro-organisms level is drastically reduced by 93-99%.
- Non-toxic
- Eliminates undesired smells
- Helps preserve archived objects and documents

Application Area

- Surgeries, Schools and Kindergartens
- Hospitals and Private Clinics
- Surgery Rooms, ICUs
- Food packaging rooms
- Heritage storage rooms
- HORECA
- Public Museums and Private Institutions
- Chemist's industry
- Receptions and Waiting rooms (bus stations, airports, hospitals, etc.)
- Alimentary Industry: canned food, bread, water and soft drinks bottlers
- Pharmaceutical industry

Tehnickal Specifications

- Input Voltage: 220Volts; 50 Hz
- Power consumption: 40W
- Noise level: 32 dB
- Air flow : 69 m³ / h
- UV generators Life: 7000 h
- UV-C wavelength: 253.7 nm
- Size: 23.5cmW x 71.5cmD x12cmH
- Weight: ~ 5.5kg
- User risk level: none
- Metallic body;
- Installation: wall mounting in horizontal position
- Operation mode: by using a remote control, programmable



Electronic timer to record the total working time of UV-C generators; Microprocessor-based system with self-programming functions and continuous monitoring and self-checking of the purifier for identifying the potential malfunctions (UV-C generator malfunction, failure of air circulation, exceeding the recommended lifetime for the UV-C generators). The purpose is to identify any partial or total inability to monitor and disinfect the air. Optical and acoustic warning system automatically deactivates the device, until the problem is solved. Manual/Remote control for turning on/off the device and selection of an appropriate running time according to the room volume, so as to ensure an effective disinfection of the air and a maximum lifetime for the generators. Optical and acoustic warning of the main events (start, stop, crash, UVC generators reaching the maximum lifetime, etc).

Air Disinfection

MidasAnAir[®] 3030

Benefits

- Prevents the spread of diseases and illness
- Ozone free and no ionization of the room
- Replaces the use of chemical products thus protecting the user and the environment
- Very low energy consumption
- The resonant cavity generates a high level of energy per sq.cm, thus the micro-organisms level is drastically reduced by 93-99%
- Non-toxic
- Eliminates undesired smells
- Helps preserve archived objects and documents

Application Area

- Surgeries, Schools and Kindergartens
- Hospitals and Private Clinics
- Surgery Rooms, ICUs
- Food packaging rooms
- Heritage storage rooms
- HORECA
- Offices
- Public Museums and Private Institutions
- Chemist's industry, Pharmaceutical industry
- Receptions and Waiting rooms (bus stations, airports, hospitals)
- Alimentary Industry: canned meat, bread, water and soft drinks bottlers

Technical Specifications

- Input Voltage: 230Volts ac+10%, -10%
- Rated frequency: 50/60Hz
- Power consumption: 67W at 230V AC
- Electricity grid connections: through a grounded outlet
- Noise level: max. 31 dB
- Air flow: 45 m³ / h
- UV generators Life: 8000h; UV lamps: 6
- Size: 65cmW x 18.52cmD x 9.5cmH
- Weight: ~ 5.5kg

Electronic timer to record the total working time of UV-C generators.

Microprocessor-based system with self-programming functions and continuous monitoring and auto-checking of the purifier for identifying the potential malfunctions (UV-C generator malfunction, failure of air circulation, exceeding the recommended lifetime for the UV-C generators)

The purpose is to identify any partial or total inability to monitor and disinfect the air. Optical and acoustic warning system automatically deactivates the device, until the problem is solved. Manual/Remote control for turning on/off the device and selection of an appropriate running time according to the room volume, so as to ensure an effective disinfection of the air and a maximum lifetime for the generators. Optical and acoustic warning of the main events (start, stop, crash, UV-C generators reaching the maximum lifetime).



Air Disinfection

MidasAnAir[®] 1224f

Benefits

- Prevents the spread of diseases and illness
- Ozone free and no ionization of the room
- Replaces the use of chemical products thus protecting the user and the environment
- Very low energy consumption
- The resonant cavity generates a high level of energy per sq.cm, thus the micro-organisms level is drastically reduced by 93-99%
- Non-toxic
- Eliminates undesired smells
- Helps preserve archived objects and documents

Application Area

- Cars / taxis
- Ambulances
- Medical mobile units
- Hospitals
- Medical analysis laboratories

*in places where air disinfection is required and there is a 12 VCC power supply that supports peak currents of 1.2A

Technical Specifications

- Input Voltage: minimum 12 VDC
- Minimum firing voltage: 12 VDC
- Defusing tension minimum: 10Vcc
- Maximum working voltage: 15Vcc
- Power consumption: 22W max
- Size: 43cm x 15.5cm x 9cm
- Noise Level: 31dBA max
- Air flow (cubic metre per hour): 45m³ / h
- Electronic timer to record the total working time of UV-C generators

Microprocessor-based system with self-programming functions and continuous monitoring and auto-checking of the purifier for identifying the potential malfunctions (UV-C generator malfunction, failure of air circulation, exceeding the recommended lifetime for the UV-C generators)

The purpose is to identify any partial or total inability to monitor and disinfect the air. Optical and acoustic warning system automatically deactivates the device, until the problem is solved. Manual/Remote control for turning on/off the device and selection of an appropriate running time according to the room volume, so as to ensure an effective disinfection of the air and a maximum lifetime for the generators. Optical and acoustic warning of the main events: start, stop, crash, UV-C generators reaching the maximum lifetime.



Air Disinfection

Hand Dryer with UV Disinfection Bow MidasAnAir[®] - HT 1500

Benefits

Prevents the spread of diseases and illness
Ozone free and no ionization of the room
Replaces the use of chemical products thus protecting the user and the environment.
Very low energy consumption
The resonant cavity generates a high level of energy per sq.cm, thus the micro-organisms level is drastically reduced by 93-99%.
Also non-toxic
Eliminates undesired smells
Helps preserve archived objects and documents

Application Area

Surgery rooms
Schools and Kindergartens
Hospitals and Private Clinics
Public Toilets

Technical specifications

Supply Voltage: 230 Volts
Rated frequency: 50 Hz
Power consumption: 1800 W
Noise level: <50 dB
Air flow: 70 m³ / h
UV generators Life: 8000 h
UV Generators: 2 x 11W
Size: ~ 44cmW x 22cmH x 22cmL
User risk level: none
ABS plastic case, equipped with sensors
Installation: wall mounting in horizontal position



Through the UV module incorporated, the device eliminates up to 99% of microorganisms in the air used for drying hands, preventing bacterial growth and its transmission from one user to another. Thus, the device is much more hygienic than a simple dryer. It is easy to install and no maintenance is required. UV module operates with low power consumption even when the device is not used to dry hands, ensuring proper disinfection of the air in its range.

Air Disinfection

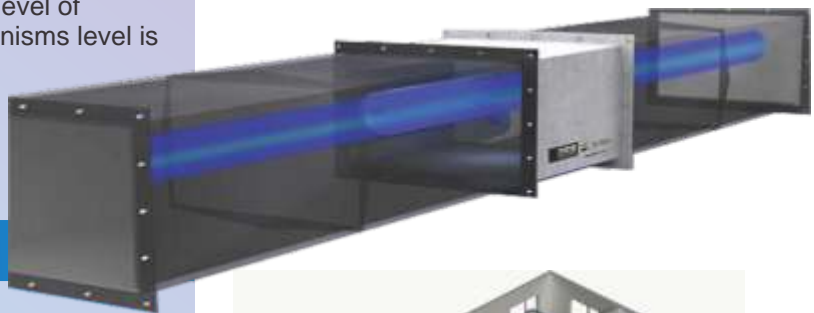
MidasAnAir[®] Pipe

Benefits

Prevents the spread of diseases and illness
Ozone free and no ionization of the room
Replaces the use of chemical products thus protecting the user and the environment
Very low energy consumption
The resonant cavity generates a high level of energy per sq.cm, thus the micro-organisms level is drastically reduced by 93-99%
Non-toxic
Eliminates undesired smells
Helps preserve archived objects and documents

Application Area

Schools and Kindergarten
Hospitals and Private Clinics
Surgery Rooms and ICUs
Food packaging rooms
Heritage storage rooms
HORECA
Offices
Public Museums and Private Institutions
Chemist's industry
Receptions and Waiting rooms (bus stations, airports, hospitals, etc.)
Alimentary Industry: canned food, bread, water and soft drinks bottlers
Pharmaceutical industry



Technical Specifications

Input Voltage: 230 Volts; 50 Hz
Power consumption: 160 W
Noise level: 46 dB
Air flow: 235 m³ / h
UV generators Life: 7000 h; UV-C wavelength: 253.7 nm
Size: ~ 20cmW x 20cmD x 110cmH ** depending on customer needs
User risk level: none
Metallic body; Installation: wall mounting in horizontal position
Operation mode: by using a remote control, programmable
Electronic timer to record the total working time of UV-C generators; Microprocessor-based system with self-programming functions and continuous monitoring and auto-checking of the purifier for identifying the potential malfunctions (UV-C generator malfunction, failure of air circulation, exceeding the recommended lifetime for the UV-C generators)The purpose is to identify any partial or total inability to monitor and disinfect the air. Optical and acoustic warning system automatically deactivates the device, until the problem is solved. Manual/Remote control for turning on/off the device and selection of an appropriate running time according to the room volume, so as to ensure an effective disinfection of the air and a maximum lifetime for the generators. Optical and acoustic warning of the main events (start, stop, crash, UV-C generators reaching the maximum lifetime, etc.).

Air Disinfection

MidasAnAir® 12015

Benefits

Prevents the spread of diseases and illness
Ozone free and no ionization of the room
Replaces the use of chemical products thus protecting the user and the environment.
Very low energy consumption
The resonant cavity generates a high level of energy per sq.cm, thus the micro-organisms level is drastically reduced by 93-99%
Non-toxic
Eliminates undesired smells
Helps preserve archived objects and documents

Application Area

Schools and Kindergartens
Hospitals and Private Clinics, Surgery Rooms, ICUs
Food packaging rooms, HORECA
Alimentary Industry
Heritage storage rooms
Offices;
Public Museums and Private Institutions
Receptions and Waiting rooms
Pharmaceutical industry
Chemistry Industry



Technical Specifications

Input Voltage: 230Volts ac+10%, -15%
Rated frequency: 50/60Hz
Power consumption: 120W at 230V AC
Electricity grid connections: through a grounded outlet
Noise level: max. 31 dB
Air flow: 180m³ / h
UV generators Life: 8000h, no. UV lamps: 6
Size: 980cmW x 440cmD x 240cmH
Weight: ~ 20kg

Electronic timer to record the total working time of UV-C generators; Microprocessor-based system with self-programming functions and continuous monitoring and auto-checking of the purifier for identifying the potential malfunctions (UV-C generator malfunction, failure of air circulation, exceeding the recommended lifetime for the UV-C generators)

The purpose is to identify any partial or total inability to monitor and disinfect the air. Optical and acoustic warning system automatically deactivates the device, until the problem is solved. Manual/Remote control for turning on/off the device and selection of an appropriate running time according to the room volume, so as to ensure an effective disinfection of the air and a maximum lifetime for the generators. Optical and acoustic warning of the main events (starts, stop, crash, UV-C generators reaching the maximum lifetime, etc.).

Air Disinfection

White rooms & Clean rooms

White rooms

A **white room** is a controlled environment in which activities must be carried out under pre-established and carefully controlled safety norms. In a white room the air is constantly filtered in order to remove particles and impurities that can damage production in a specific field. Room temperature and humidity are carefully controlled to protect sensitive equipment from environmental differences. The absolute pressure inside the rooms (compared to outside) are different so that air can circulate from the inside out. Room enclosure called **white room** is a room where the concentration of particles suspended in air is controlled and which is built and used so as to reduce the introduction, generation and retention of particles inside. Other relevant parameters such as temperature, humidity and pressure are controlled as needed. A **white room** has at least 3 stages of filtration, the latter being HEPA Filter or higher.

Application Area

Medical Industry
Pharmaceutical Industry
Microbiology Laboratories
Medical device Manufacturing



Clean rooms

A **clean room** is a controlled environment in which activities must be carried out under pre-established and carefully controlled safety norms. In a **clean room** the air is constantly filtered in order to remove particles and impurities that can damage production in a specific field.

Room temperature and humidity are carefully controlled to protect sensitive equipment from environmental differences. The absolute pressure inside the rooms (compared to outside) are different so that air can circulate from the inside out. Room enclosure called **clean room** is a room where the concentration of particles suspended in air is controlled and which is built and used so as to reduce the introduction, generation and retention of particles inside. Other relevant parameters such as temperature, humidity and pressure are controlled as needed. A **clean room** at least 2 stages of filtration.

Application Area

Medical Industry
Pharmaceutical Industry
Microbiology Laboratories
Medical device Manufacturing
Mechanical Industry



Contamination Control

The environment control inside a clean room or a white room is strictly related to the standards required for that space. Contamination control in clean rooms is made by treating air thermally, humidity, pressure and its disinfection by at least two stages of filtration.

UV Surfaces Disinfection

MidasAnAir® Portable UV Disinfection Unit Portable

Benefits

Useful for disinfecting anything that cannot be washed
Prevents the spread of disease and sickness
Replaces the use of chemical products thus protecting the user and the environment

Application Area

Electronic devices, appliances, documents, steering wheel, door handles, faucets, toys, bottles, nail clippers, scissors, notebook, remote controls, mobile phones, etc.

Technical Specifications

Power supplier: DC 6V (4pcs AAA batteries)
Irradiation Intensity: 500uw/ sq. cm; User risk level: none
Dimensions: 50 x 35 x 130mm
Weight: 65g
Rate power: 2W; Bacteria-killing rate: 95~99%(within 20second)



MidasAnAir® ToothBrush UV Disinfection Unit for ToothBrushes

Benefits

Useful for disinfecting toothbrushes, razors and tongue cleaners
Prevents the spread of disease and sickness
Replaces the use of chemical products thus protecting the user and the environment
Ozone free and also non-toxic.

Application Area

Toothbrushes, razors, tongue cleaners

Technical Specifications

Power: 4 x AAA alkaline batteries, adaptor 240V AC
Size: L250 x W148 x H68 mm
Weight: 340g
User risk level: none
Bacteria-killing rate: 95~99% (within 6-8 minutes)
Long life UV light never needs replacing
Using UV light to kill 99.9% of the microorganisms existing on toothbrushes, razors and tongue cleaner.
Sterilization time is 6 minutes. It is able to be mount on the wall. Depending on the model can be powered by batteries or electricity network.



UV Surfaces Disinfection

MidasAnAir[®] Tetine UV Disinfection Unit for Teats and Baby Bottles

Benefits

Prevents the spread of disease and sickness. Replaces the use of chemical products thus protecting the user and the environment.
Ozone free and also non-toxic. User risk level: none
Sterilizes within 5 minute

Application Area

Baby Bottles, Teats and Pacifiers, Teething rings, Baby's feeding utensils

Technical Specifications

Power supplier: DC 4.5V (3 pcs AAA batteries)
UV generators Life: 15000 h
UV-C wavelength: 253.7 nm
User risk level: none
LED indicator, Automatic timer and music reminder. Child safe start button, safe consideration design to protect your kids from the harm of UV.
Bacteria-killing rate: 95-99%(within 5 minutes)



MidasAnAir[®] Eggs UV Disinfection Unit for Eggshells

Benefits

Replaces the use of chemical products thus protecting the user and the environment. Very low energy consumption. The resonant cavity generates a high level of energy per sq.cm, thus the micro-organisms level is drastically reduced by 93-99%. Ozone free and also non-toxic.

Application Area

Originally built to disinfect eggshells according to HORECA's requirements, MidasAnAir Eggs can be used to disinfect any alimentary product without any side effects, easy to use and also harmless to humans.

Technical Specifications

Input Voltage: 230 Volts AC
Rated frequency: 50/60 Hz
Power consumption: 30W
UV generators Life: 8000 h
Size: ** depending on customer needs
User risk level: none



UV Surfaces Disinfection

MidasAnAir® SU UV disinfection Lamp

Benefits

Prevents the spread of disease and sickness
 Ozone free and no ionization. Very low energy consumption
 Replaces the use of chemical products thus protecting the user and the environment.
 The resonant cavity generates a high level of energy per sq.cm, thus the micro-organisms level is drastically reduced by 93-99%.

Application Area

Schools and Kindergartens
 Hospitals and Private Clinics
 Surgery Rooms and ICUs
 Food packaging rooms
 Heritage storage rooms
 HORECA
 Rooms for keeping objects of heritage
 Public Museums and Private Institutions
 Chemist's industry
 Alimentary Industry: canned food, bread, water and soft drinks bottlers
 Pharmaceutical industry



Technical Specifications

Specifications	Su115	SU 155	SU 215	SU 230	SU 255
UV Lamp	UV Philips 15 W	UV Philips 55 W	UV Philips 15 W	UV Philips 30 W	UV Philips 55 W
Number of UV Lamps	1	1	2	2	2
Voltage	230 V AC				
Power consumption	25 W	70 W	40 W	75 W	140 W
Rated frequency	50/60 Hz	50/60 Hz	50/60 Hz	50/60 Hz	50/60 Hz
Conection to the mains	through a grounded outlet				
Dimensions	580x180x110 mm	580x180x110 mm	1050x180x110 mm	1050x180x110 mm	1050x180x110 mm
Weight	4 kg	6 kg	4 kg	6 kg	6 kg
UV Generators Life	8000 h				

UV Surfaces Disinfection

MidasAnAir® SU Packaging

Product can be customized according to the customer needs.

Benefits

Prevents the spread of diseases and illness
Ozone free and no ionization
Replaces the use of chemical products thus protecting the user and the environment.
Very low energy consumption
The resonant cavity generates a high level of energy per sq.cm, thus the micro-organisms level is drastically reduced by 93-99%

Application Area

Alimentary Industry: canned food, bread, water and soft drinks bottlers
Pharmaceutical industry

Technical Specifications

Input Voltage: 230 Volts AC
Rated frequency: 50/60 Hz.
Power consumption: 35 W- 1000W
Air flow: 235 m³ / h
UV generators Life: 8000 h; Size: ~ variable
User risk level: none; Metallic body

The usage of MidasAnAir® SU Packaging on a vacuum line for salami



The usage of MidasAnAir® SU Packaging on a vacuum line for sausages



UV Surfaces Disinfection

MidasAnAir® SU - Conveyor

Product can be customized according to the customer needs.

Benefits

Prevents the spread of diseases and illness
Ozone free and no ionization
Replaces the use of chemical products thus protecting the user and the environment.
Very low energy consumption
The resonant cavity generates a high level of energy per sq.cm, thus the micro-organisms level is drastically reduced by 93-99%.

Application Area

Alimentary Industry: canned food, bread, water and soft drinks bottlers
Pharmaceutical industry

The usage of MidasAnAir® SU Conveyor in a canning factory



The usage of MidasAnAir® SU Conveyor in a bakery factory, on an assembly line.

Technical Specifications

Input Voltage: 230 Volts AC;
Rated frequency: 50/60 Hz.
Power consumption: 35 W- 1000W
Air flow: 235 m³ / h;
UV generators Life: 8000 h
Size: ~ variable; User risk level: none; Metallic body;

UV Surfaces Disinfection

MidasAnAir® SU Product

Product can be customized according to the customer needs.

Benefits

Prevents the spread of diseases and illness
Ozone free and no ionization
Replaces the use of chemical products thus protecting the user and the environment
Very low energy consumption
The resonant cavity generates a high level of energy per sq.cm, thus the micro-organisms level is drastically reduced by 93-99%

Application Area

Alimentary Industry:
• canned food
• bread
• water and soft drinks bottlers
Pharmaceutical industry

MidasAnAir® Unit
for surfaces disinfection



Technical Specifications

Input Voltage: 230 Volts AC
Rated frequency: 50/60 Hz.
Power consumption: 35 W- 1000W
Air flow: 235 m³ / h
UV generators Life: 8000 h; Size: ~ variable; User risk level: none; Metallic body;

UV Water Disinfection

Water Filtration System - Aqua Pur

Benefits

Keep clean water using silver ion technology specially developed to prevent the development of the micro flora in the storage tank. The operation requires minimal maintenance and can provide safer and cleaner water for long periods.

Application Area

Medical Industry, Alimentary Industry
 HORECA
 Education Institutions Residences

Technical Specifications

1. Multilayer storage tank
 300 l + lid
 500 l + lid
 750 l + lid
2. Mechanical float
3. Submersible Divertron 1000
4. Mechanical Filter
5. Nano filter + stainless steel filter support + Key filters (spanner)
6. Overflow system (PPR pipe 32, vertical check valve)
7. Tank Holder



Tank Characteristics AquaPur				
	M	300 l	500 l	750 l
Length	mm	600	600	680
Width	mm	600	600	680
Height	mm	960	1600	1800
Total Volume	l	320	550	750
Useful volume (approx.)	l	250	500	700
Weight (approx.)	kg	18	22	30

Water Sterilization – Aqua Clean

Benefits

UV treatment is currently the most reliable and widely used method of sterilization of water, destroying the microorganisms present in water: Giardia, bacteria, viruses, a percentage of over 99, 97%. Replaces the use of chemical products thus protecting the user and the environment. Kill bacteria, viruses and all microorganisms in 20 seconds. Does not emit toxic substances. Helps to compliance with the medical industry and food hygiene. UV system operating costs are low.

Application Area

Residences, Medical Industry, Alimentary industry

Technical Specifications

Length: 490mm
 Diameter: 60mm
 Connections: 1/4 "
 Maximum flow: 0.5m³ / h
 Maximum pressure: 8bar
 Material: Stainless Steel
 UV lamps: 1x16W
 Power consumption: 20w
 Weight: 2kg

Can be variable,
 according to water flow.



Disposables

Disposable Bonnets

Prevents hair from falling easily into treatment or contaminated areas.



Disposable gloves

Powder-free, industrial nitrile gloves are latex-free to eliminate issues of sensitivity.



Disposable Gowns

Non-woven Surgical Gown is made by non woven polypropylene spunbond fabric or SMS fabric which is used in hospital



Disposable Masks

Reduces the transmission of airborne, fluid, or bacterial infection to health care professionals in the operating room



Disposables

Shoe Dispenser Automatic

Benefits

Provides automatically comfortable shoes covers so necessary in sensitive environments where the human factor plays an important role

Application Area

Analysis Laboratories, Medical Laboratories, Hospitals, Pharmaceutical Industry, Research Institutions, Museums, Offices located near construction sites.

Technical Specifications

Displays the number of pieces available
Works with automatic coin
It has capacity of 200 pieces
Covers feet in 3 seconds
No need to bend down to change shoes
Eliminates the risk of skin diseases



Mechanical Shoe Dispenser

Benefits

The device provides comfortable shoes and quick covers so necessary in sensitive environments where the human factor plays an important role in maintaining the necessary level of cleanliness.

Application Area

The device is designed for areas where an adequate level of disinfection and cleanliness is required such as analysis laboratory, medical laboratories, hospitals, pharmaceutical industry, research institutions, museums, offices located near construction sites.

Technical Specifications

Covers feet in 3 seconds. No need to bend down to change shoes
Eliminates the risk of skin diseases. Economical and sanitary.



Disposable Shoe Covers

Used for health care, laboratories, industrial safety, clean rooms, and food service.



Other Products

Customer Flow Management System by order tickets

Benefits

The system manages queues at the counters based on order tickets and on the automatic routing of waiting persons according to the crowdedness of the counters. It creates a relaxed atmosphere in waiting areas by eliminating queues, automatic management, automatic redistribution of people to minimize waiting time.

Application Area

Public Institutions
Health Industry
Commercial Centres
Museums

Technical Specifications

The system consists of the following blocks:

1. Console Operator Module (minimum one, maximum eight, depending on configuration)
2. External Display Module (minimum one, maximum eight, depending on the number of modules console operator)
3. Order Tickets Release Module

- Creates a relaxed atmosphere in waiting areas by eliminating queues.
- High traffic resistant.
- Low complexity, reduced number of buttons for easy use.
- The possibility to generate activity reports individually for each counter.
- Easily reconfigurable system.
- Possibility to extend / modify desks number without any change in the system and without stopping the system.
- Warning system for paper roll replacement, paper jammed in the printer, etc.
- The possibility of customizing released tickets by including promotional messages or various information.
- System equipped with self-diagnosis functions and auto power off - modules for closure.

Order Tickets Module



Display Module



Other Products

Muskel Aktiv Electronic Muscle Stimulator

Benefits

It is a professional medical device with multiple applications, heart disease treatment, neurological treatments, physiotherapy, bone, muscle, joint diseases. Extraordinary effects in rehabilitation treatment, preventing atrophy and maintaining muscle tone edge. Helps improving athletic performance. Complemented by diets, it shapes the silhouette and removes cellulite
Accelerates blood flow
Increases metabolic rate



Application Area

Designed for individual use, Muskel Aktiv can be used both within physio-kineto therapy sessions inside the health units and also at home, in gyms or any other place where the user feels the need for treatment through electrical muscle stimulation.

Apart from muscle stimulation Muskel Aktiv offers the possibility of treating joint pains, be they inflammatory, postoperation, post-traumatic or otherwise, in the peripheral joints and on the spine. The effect is major analgesic and minor anti-inflammatory being a very effective palliative treatment, which allows a drastic reduction or even abolishment of administration of non-steroidal anti-inflammatory and thus avoid their numerous side effects. In postoperative cases is speculated that the application of electrical stimulation does not immobilize the member, allowing its combination with conventional methods of therapy, accelerating mobilization without discomfort for the patient.

Technical Specifications



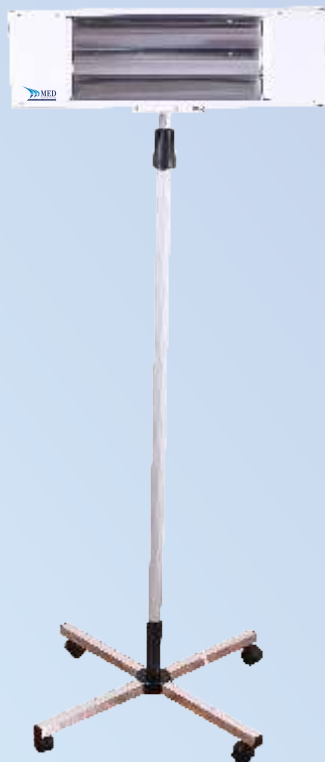
Muskel Aktiv is a product of German Schwa Medico, a prominent provider of medical equipment, which proved competitive on the European market. The device, approved and marketed in the EU for several years, meets both commercial quality standards in force and on the medical field.

In terms of construction and safety features, Muskel Aktiv incorporates several outstanding issues: two channels (four electrodes simultaneously), self-adhesive hypoallergenic flexible electrodes, components for maintaining constant current, output circuit as a short-circuit in the system (AKs), galvanic ally isolated outputs, electrodes recognition system, digital display, battery-based power (9V standard), 1-100mA current stimulation on each channel separately adjustable, automatic stimulus programs dedicating to each one a well-defined purpose. The device comes with a detailed manual that explains in detail and in all functions and applications common terms device, leaving no place to misinterpretations.

Mobile Stand for IVs and UV Lamps

Technical Specifications

Mobile stand, height adjustable from 140cm to 210cm, can be manufactured on different dimensions. High quality solid stainless steel construction, with 4 wheels and braking system. Stand can be used for both Ivs, as well as a bactericidal lamp holder.



Microorganisms Destroyed by Midas Systems

Organisms:	Energy dosage of Ultraviolet radiation in $\mu\text{W}/\text{cm}^2$ needed for kill factor	
	90%	100%
Bacteria		
Bacillus anthracis - Anthrax	4,520	8,700
Bacillus anthracis spores - Anthrax spores	24,320	46,200
Bacillus magaterium sp. (spores)	2,730	5,200
Bacillus magaterium sp. (veg.)	1,300	2,500
Bacillus paratyphus	3,200	6,100
Bacillus subtilis spores	11,600	22,000
Bacillus subtilis	5,800	11,000
Clostridium tetani	13,000	22,000
Corynebacterium diphtheriae	3,370	6,510
Ebertelia typhosa	2,140	4,100
Escherichia coli	3,000	6,600
Leptospira canicola - infectious Jaundice	3,150	6,000
Micrococcus candidus	6,050	12,300
Micrococcus sphaeroides	1,000	15,400
Mycobacterium tuberculosis	6,200	10,000
Neisseria catarrhalis	4,400	8,500
Phytomonas tumefaciens	4,400	8,000
Proteus vulgaris	3,000	6,600
Pseudomonas aeruginosa	5,500	10,500
Pseudomonas fluorescens	3,500	6,600
Salmonella enteritidis	4,000	7,600
Salmonella paratyphi - Enteric fever	3,200	6,100
Salmonella typhosa - Typhoid fever	2,150	4,100
Salmonella typhimurium	8,000	15,200
Sarcina lutea	19,700	26,400
Serratia marcescens	2,420	6,160
Shigella dysenteriae - Dysentery	2,200	4,200
Shigella flexneri - Dysentery	1,700	3,400
Shigella paradysenteriae	1,680	3,400
Spirillum rubrum	4,400	6,160
Staphylococcus albus	1,840	5,720

Microorganisms Destroyed by Midas Systems

Organisms:	Energy dosage of Ultraviolet radiation in $\mu\text{W}/\text{cm}^2$ needed for kill factor	
Staphylococcus aerius	2,600	6,600
Staphylococcus hemolyticus	2,160	5,500
Staphylococcus lactis	6,150	8,800
Streptococcus viridans	2,000	3,800
Vibrio comma - Cholera	3,375	6,500
Molds	90%	100%
Aspergillius flavus	60,000	99,000
Aspergillius glaucus	44,000	88,000
Aspergillius niger	132,000	330,000
Mucor racemosus A	17,000	35,200
Mucor racemosus B	17,000	35,200
Oospora lactis	5,000	11,000
Penicillium expansum	13,000	22,000
Penicillium roqueforti	13,000	26,400
Penicillium digitatum	44,000	88,000
Rhisopus nigricans	111,000	220,000
Protozoa	90%	100%
Chlorella Vulgaris	13,000	22,000
Nematode Eggs	45,000	92,000
Paramecium	11,000	20,000
Virus	90%	100%
Bacteriophage - E. Coli	2,600	6,600
Infectious Hepatitis	5,800	8,000
Influenza	3,400	6,600
Poliovirus - Poliomyelitis	3,150	6,600
Tobacco mosaic	240,000	440,000
Yeast	90%	100%
Brewers yeast	3,300	6,600
Common yeast cake	6,000	13,200
Saccharomyces carevisiae	6,000	13,200
Saccharomyces ellipsoideus	6,000	13,200
Saccharomyces spores	8,000	17,600

*source: <http://www.americanairandwater.com/uv-facts/uv-dosage.htm>

Info: MidasAnAir® 3040 produces 8400 microW/cm² for an exposure of 1.5s which develops an energy of 12,600 microWs/cm². To destroy the spore of Anthrax (46,200 microWs/cm²) it is necessary that the time of



AWARDS AND CERTIFICATES





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