



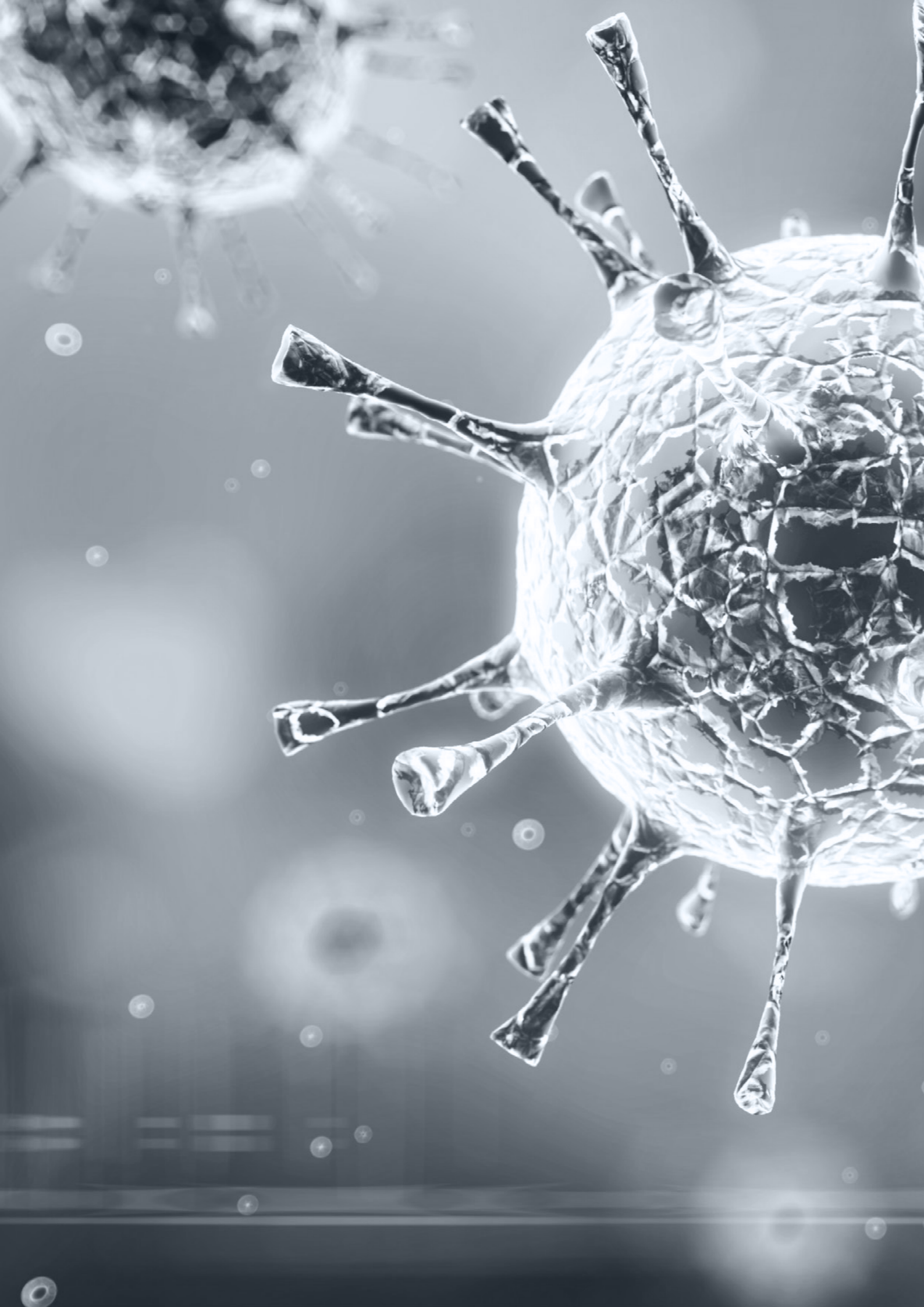
STERYLIS®

PURE AIR



- Destroys the coronavirus in a split second
- Disinfects indoor air when people are indoors
- Medical technology – based on natural physical processes
- Effectively destroys viruses, bacteria, fungi, moulds and even protozoa and mites





CONSTANT AIR DISINFECTION - US RECOMMENDATIONS

The United States agency CDC (Centers for Disease Control and Prevention, a US government agency with global responsibility for combating infectious diseases) - in order to minimise the transmission of SARS-CoV-2 in enclosed spaces - recommends eliminating the „source of infection“ by affecting the air.

Non-stop air disinfection allows the permanent destruction of viruses and other pathogens in the air we breathe. Disinfection and sterilisation are approaches that have been used for years in relation to food or water. Air, another element essential for us to live, has so far remained the exception in this respect.

American scientists also point out that constant air disinfection should become a priority, due to the increasingly contagious SARS-CoV-2 mutations, among other reasons. **Coronavirus is transmitted by droplet and airborne transmission.** In the second case through particles smaller than 5 micrometres (so-called aerosols), which **are emitted when we talk or just breathe.**

They can remain in the air for up to about 12 hours. They remain in the room long after the infected person has left it and can travel far from the point of emission. The risk of infection therefore extends to an increasingly large area, covering the entire room.



STERYLIS - EFFECTIVE IN ELIMINATING THE SARS CoV-2 CORONAVIRUS

Scientific studies have confirmed that the STERYLIS device effectively destroyed the SARS CoV-2 coronavirus in the air which was breathed by patients and medical staff of the so-called co-vid wards in hospitals in Bochnia and Kraków.

This is the only study of this kind in the world carried out in real hospital conditions, using a specific device (STERYLIS) that constantly disinfects the air. The research was conducted by scientists from the Medical College of the Jagiellonian University.

STERYLIS uses UV-C irradiation to destroy coronavirus. The device makes it possible to carry out continuous (24h/7) air disinfection in rooms where people stay.

STERYLIS - PROTECTS PUBLIC HEALTH

Infectious diseases that are transmitted by air, such as COVID-19, are currently one of the major public health challenges around the world.

Universal solutions that destroy airborne sources of infection in a low-cost and practical way can help in the fight against them. Sterylis is such a solution, which **safely destroys coronavirus and many other microorganisms**. The heart of the device is microprocessor control system, which fully controls the filtration and disinfection processes and examines the air parameters in the rooms.

The effectiveness of the methods used in Sterylis was tested in 2020 in the Medical College of the Jagiellonian University, in laboratory conditions. The research confirmed that the device very effectively destroys, for example, strains of Staphylococcus aureus and Pseudomonas aeruginosa, drug-resistant bacteria responsible for so-called hospital infections.



STERYLIS®
PURE AIR

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BENEFITS

SAFETY

Confirmed by certificates and independent tests.

IMPROVED QUALITY OF LIFE

For you and your loved ones thanks to the use of medical technology.

VERSATILITY

Fits any type of room without the need to adapt it and incur additional costs.

#improvesyourlife

FACTS



- **DESTROYS THE CORONAVIRUS** in a split second!
- Filters and disinfects indoor air **WHEN PEOPLE ARE INDOORS.**
- Medical technology – based on natural physical processes.
- Effectively **DESTROYS VIRUSES, BACTERIA, FUNGI, MOULDS** and even protozoa and mites.



TECHNOLOGY

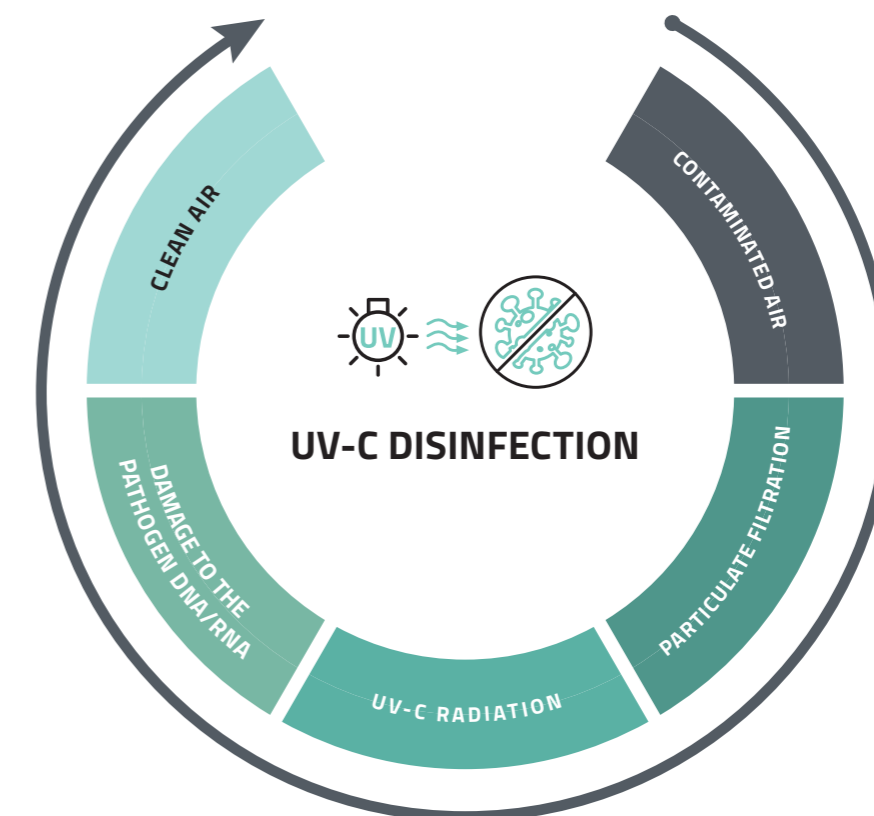
3 in 1

3 TECHNOLOGIES IN ONE SOLUTION

Three technologies in one solution to significantly increase the safety of you and your loved ones.



UV-C RADIATION



AIR FILTRATION



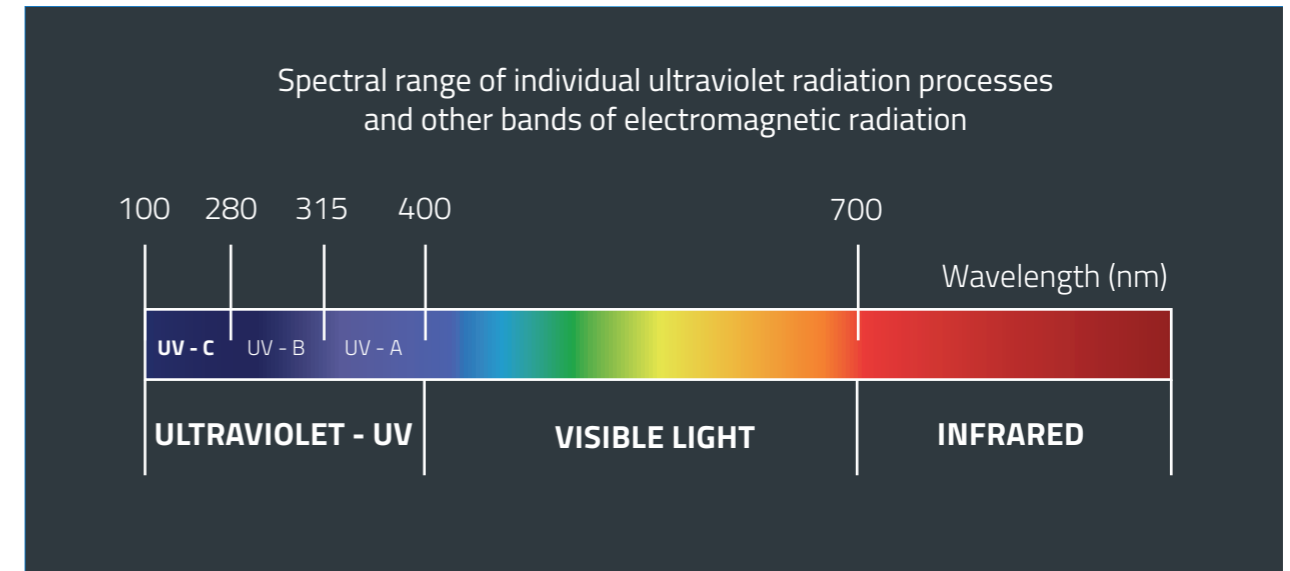
MICROPROCESSOR CONTROL SYSTEM

Fully automatic control by MILOO-ELECTRONICS to ensure the safety of all processes.

UV-C RADIATION



EFFECTIVENESS OF UV-C RADIATION



Ultraviolet radiation is defined as electromagnetic radiation in the wavelength range from 100 nm to 400 nm.

STERYLIS PURE AIR uses UV-C radiation sources with the wavelengths most effective in the fight against microorganisms: **253.7 nm**. Even a small dose of UV-C causes irreversible damage to DNA and RNA of the coronavirus and leads to its neutralisation.

UV-C radiation has strong biocidal properties. It is one of the most effective method of disinfection, which derives directly from events occurring in nature.

UV-C radiation is part of the ultraviolet band produced by our sun. It is not visible to the human eye and does not reach the surface of the Earth because it is absorbed by the atmosphere. However, it can be produced artificially and used for disinfection through lighting technology.

UV-C technology provides:



CERTIFICATES TESTS APPROVALS

CERTIFICATES, TESTS, APPROVALS



The effectiveness of elimination of the Sars-CoV-2 virus using STERYLIS devices has been confirmed by scientists of the Medical College, Jagiellonian University. The research was carried out at COVID hospital wards of two independent hospitals in Bochnia and Kraków.



Our products are certified by the National Institute of Hygiene (PZH) and are safe for people. Sterylis PURE AIR-100, Sterylis PURE AIR-100 SMART, no. B-BK-60212-0388/21 valid until 24-08-2026.



UV-C radiation has strong biocidal properties. It is one of the most effective methods of disinfection, which derives directly from events occurring in nature.



Our products meet the requirements of the so-called 'New Approach' of the European Union in terms of safety of use, environmental protection and health protection.



Our quality is confirmed by ISO 9001:2015 awarded by TÜV SÜD Management Service GmbH.



STERYLIS is a Polish product. It was designed and is manufactured in the Małopolska province in a 100% Polish-owned company.

STERYLIS®
PURE AIR

PRODUCTS



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PURE AIR SMART	18

PURE AIR

REMOVES SOURCES OF INFECTION:
DISINFECTION
UV-C

STERYLIS PURE AIR

STERYLIS PURE AIR is a line of devices using UV-C technology and air filtration in the disinfection process.

Features:

- Modern, minimalistic design
- Disinfection with UV-C technology
- Single-stage air filtration
- Automatic control thanks to advanced controller by MILOO-ELECTRONICS
- Low noise level
- Easy in use
- Compact design
- Mobility
- High degree of customisation



Certified by the National Institute of Hygiene (PZH):
Sterylis PURE AIR-100, Sterylis PURE AIR-100 SMART,
no. B-BK-60212-0388/21 valid until 24-08-2026

Recommended
INTERNAL VOLUME OF THE ROOMS:
up to 100 m³



UV-C



CE



PRODUKT
POLSKI



PURE AIR SMART

REMOVES SOURCES OF INFECTION:
DISINFECTION
UV-C

STERYLIS PURE AIR SMART

STERYLIS PURE AIR is a line of devices using UV-C technology and air filtration in the disinfection process.

Features:

- **Control via mobile app**
- Modern, minimalistic design
- Disinfection with UV-C technology
- Single-stage air filtration
- Automatic control thanks to advanced controller by MILOO-ELECTRONICS
- Low noise level
- Easy in use
- Compact design
- Mobility
- High degree of customisation

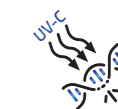


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up to 100 m³



UV-C



CE



PRODUKT
POLSKI



Bluetooth







MILOO-ELECTRONICS – Polish manufacturer of MILOO LIGHTING LED technology, electronics, optoelectronics and control automation.

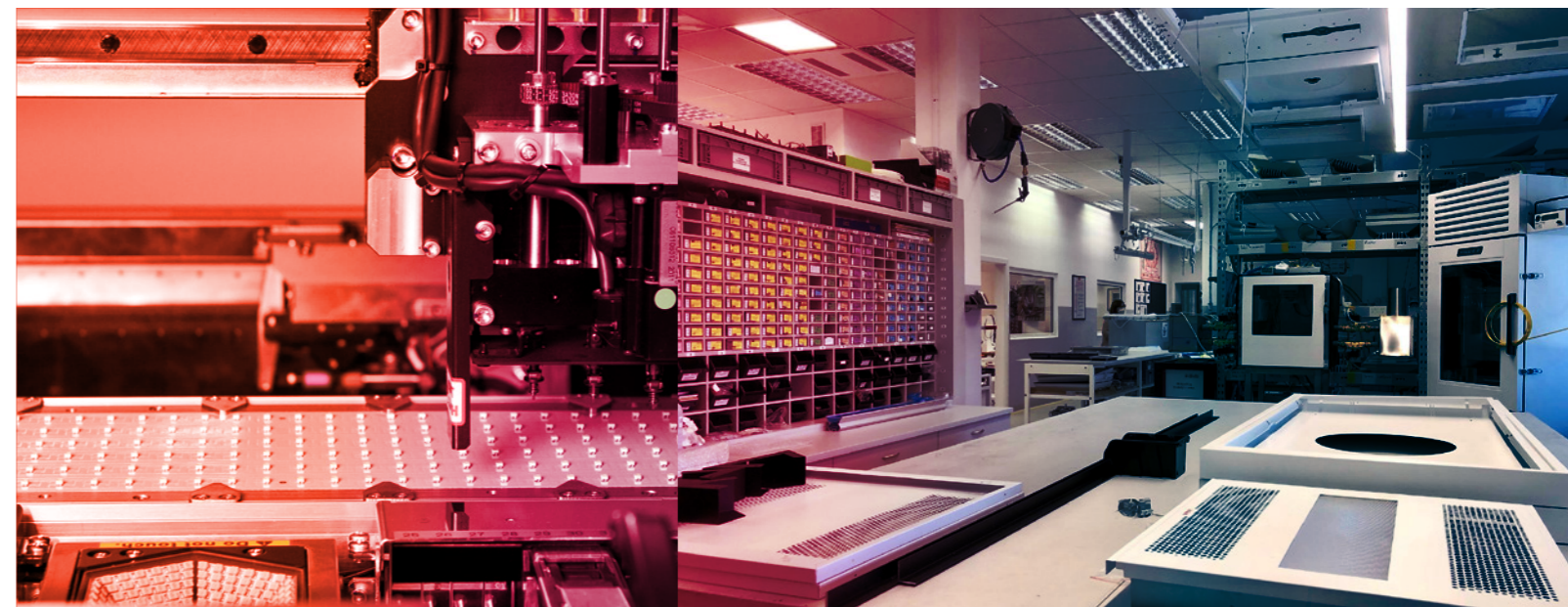
The company is located in the Małopolska province and is present on the market since 2002. It also operates in the field of smart-building and smart-lighting, and creates control systems and software to manage intelligent buildings and street lighting.

It has its own research laboratory for colorimetry and electromagnetic compatibility, and modern machinery park.

It carried out many projects for large multinational corporations as well as Polish companies, universities and health care facilities. The MILOO-ELECTRONICS products meet the highest European quality and safety standards.

In January 2020, the company was granted the NATO Commercial and Government Entity Code (NCAGE). Thanks to this certificate, the company can provide solutions for armies of the North Atlantic Treaty Organisation members. This confirms the highest level of quality and competence.

www.emiloo.pl





STERYLIS[®]

PURE AIR



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