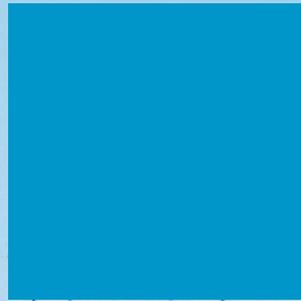




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Dinies



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UV-MOBIL 240

UV-MOBIL 240*combi*





The Dinies Technologies GmbH company is a medium-sized, innovative family-owned company of UV technology and electronics manufacturing, which does not shy away from investing in new, revolutionary methods and technologies.

COMPETENT ■■■■■
RELIABLE
■■■■■ INNOVATIVE

Since our foundation in 1979, it has been important to us to supply our customers with everything from a single source. In 2005, the two main pillars, electronic production UV technology, were further expanded.

„ IN PARTICULAR, NEW TECHNOLOGIES AND FIELDS OF APPLICATION IN UV-TECHNOLOGY OFFER GOOD BASIS FOR AN INNOVATIVE COMPANY POLICY.“

Dinies Technologies GmbH is DIN EN ISO 9001 certified and is constantly monitored and audited by its customers to ensure its effectiveness, to meet their high quality requirements.

In addition, internal audits carried out by external auditors guarantee a high standard of quality and efficiency in quality management.

RESISTANT GERMS

In a project with the HFU Furthwangen, a **pathogenic germ load of 44%** was observed in patients' rooms after regular wipe disinfection.

This is, in part, a consequence of the high cost-pressure placed on hospitals and cleaning staff.

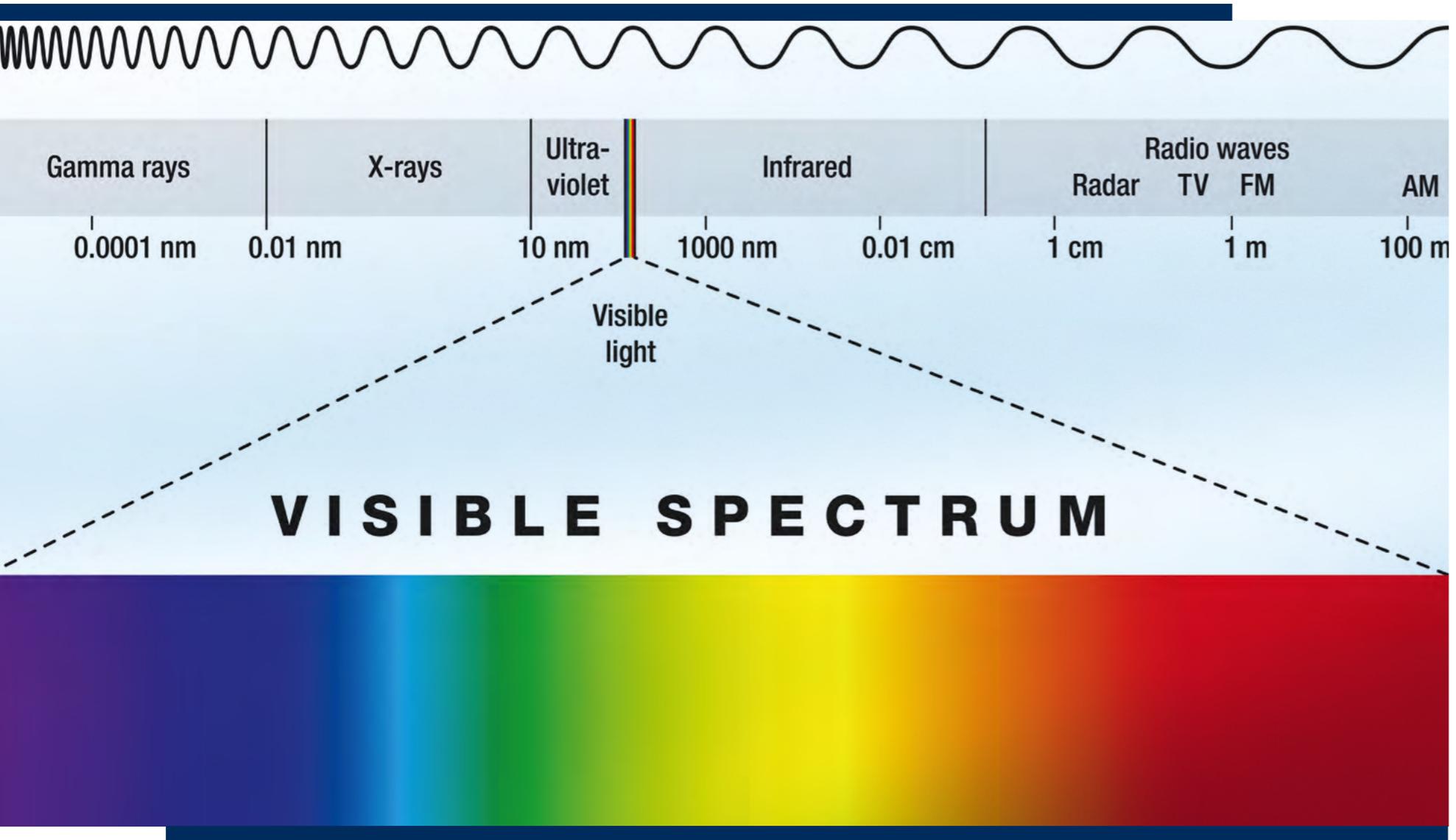
Future patients are at a **high risk of infection**.

HIGH
INFECTION
RISK
FOR FUTURE
PATIENTS!





AN ADDITIONAL
**UV-OZONE
TREATMENT**
DURING THE APPLICATION
TIME OF THE DISINFECTANT
ELIMINATES REMAINING
PATHOGENIC GERMS
UP TO 100%.

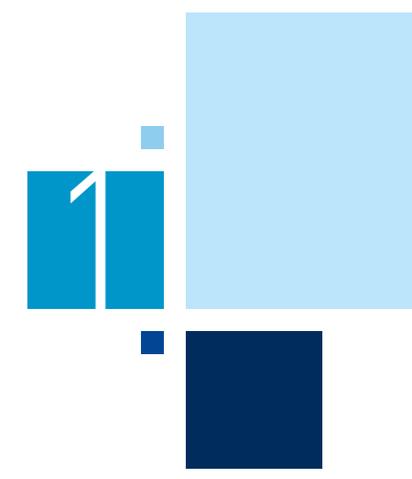


UV-C LIGHT

Effective hygiene with UV-C! Microorganisms exposed to natural sunlight will be killed in a natural way. According to this principle from nature, artificial UV-C light was developed many years ago.

UV-C light is short-wave radiation in the range of 280-100nm which is not visible to the human eye. In the area of 254nm, UV-C light has a strong germicidal effect, so even dangerous germs, bacteria, viruses and mould spores will be destroyed within a short time without the use of chemicals.

The DNA of the microorganisms is changed in the core so that reproduction is no longer possible. This has the consequence that the microorganisms die. The ultraviolet light is therefore an economical and environmentally friendly alternative to chemical disinfection.



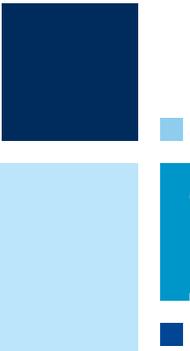


Ozone is a highly effective disinfectant for the sustainable elimination of unpleasant smells and hazardous microorganisms.

Derived from processes in nature UV-C light is created in a controlled way, which in conjunction with oxygen produces ozone. Odour molecules are broken down and removed completely. Microorganisms present are destroyed by the treatment in the core.

A great advantage of ozone treatment is that odour neutralization and disinfection is carried out without the use of chemicals. Any residual ozone decomposes back to oxygen.

The bactericidal effect of ozone is reported in literature at 1.5 to 4.9ppm.



2 OZONE



3₁ UV-MOBIL

UV-Mobil 240

The **Dinies UV-Mobil 240** was specially developed for the disinfection of surfaces and room air in the medical sector.

During development, great care was taken to ensure that, as far as possible, no blind-spots were created due to its construction and that the strong acting UV-C light could optimally disinfect both the air and surfaces. Therefore, the UV-C lamps are used open, without a cover. Treatment is thus only possible in unoccupied rooms.

The UV-C light disinfects surfaces by direct and indirect light. The air is simultaneously disinfected.

- Fast
- Chemical free
- Surface disinfection
- Air disinfection
- Safe



UV-Mobil 240combi

The **Dinies UV-Mobil 240combi** is equipped with both high-performance UV-C lamps and ozone-generating UV-C lamps. The special, short-wave UV-C light converts atmospheric oxygen into ozone.

Since ozone is a gaseous element, even blind-spots or hidden areas (under beds, behind nightstands, showers, etc.) are disinfected.

- Fast
- Chemical free
- Air disinfection
- Surface disinfection
- Reaches all corners
- Eliminates odors
- Safe

3₂

Areas of use for the UV-Mobil 240combi

1. Place unit in the center of the room.
2. Switch on unit, leave room within 3 minutes.
3. In the first phase of operation, ozone-generating UV-C lamps are ignited. These convert atmospheric oxygen into gaseous ozone.

3₃



SAFE
THROUGH
AN AUTOMATED
PROCESS!

Germ reduction on surfaces

4. In the second phase of operation, the UV-C lamps are switched on. The UV-C light directly and indirectly disinfects surfaces and room air. At the same time, residual ozone in the room is converted back into oxygen.
5. After about 60 minutes, the room can be used normally again.

3₄