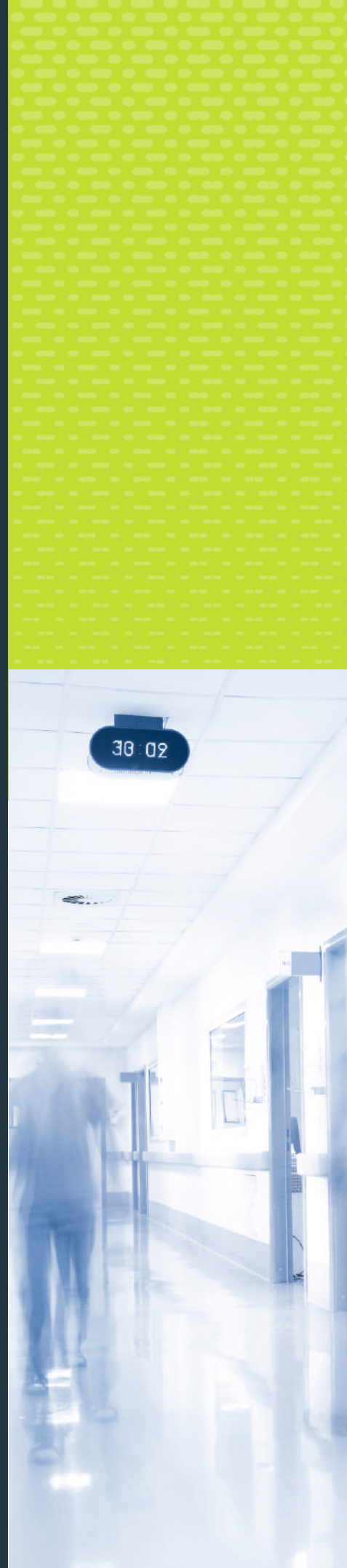


100% automated concept

Bio-disinfection
treatment for
minimum infectious
risk

Nocotech is a
brand of the group



NOCOTECH, BIO-DISINFECTION AUTOMATED TREATMENT OF SURFACES

Nocotech, an innovative concept

Oxy'Pharm has developed Nocotech, an automated concept for surface disinfection by dry diffusion. The system combines a spraying machine (Nocospray or Nocomax) and a disinfectant (Nocolyse, Nocolyse Food).

Performance made simple

Our diffusion machines (Nocospray or Nocomax) diffuse liquid disinfectants in the form of a dry mist. The size of the diffused particles (5μ on average) gives slow and perfectly uniform sedimentation on every square centimetre of the treated area, with no humidity. Surface disinfection is carried out by air, with no human intervention and leaves no residue. Therefore, there is no risk to the user. Aerial diffusion allows surfaces to be treated even in inaccessible areas. It guarantees an even distribution of the product on all surfaces. Simply enter the volume of the room to be treated and start the treatment. The machine stops automatically when the spraying is finished.

Risk-free and effective disinfection

All the disinfectants in our range are liquids that contain hydrogen peroxide (H_2O_2) with no peracetic acid, they are 99.9% biodegradable (they leave no residue), non-allergenic, non-corrosive on all surfaces (including electronic surfaces) and environmentally friendly.

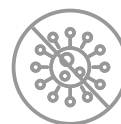
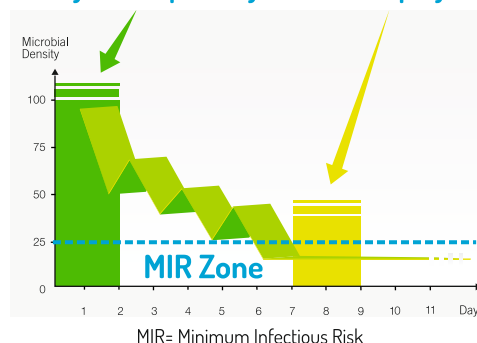
Our diffusion technology is effective against viruses, bacteria, yeast, moulds and spores.



3 Activities Features

- 1 High Speed Diffusion:**
Concentration of the Nocolyse active principle by desiccation, forming a "dry fog".
- 2 Ionization of radicals**
Increase of the bactericidal effect.
- 3 Catalytic action of silver atoms**
Increase in Nocolyse's rate of action and its remanence.

Minimum Infectious Risk is obtained after a few days of regular application of the product and maintained at its minimum by the simple daily use of Nocospray.



ACTS ON:

- viruses, bacteria, yeast, moulds and spores.

OUR PRINCIPLE AND TECHNIQUE

OXYPHARM's aim is to reduce the count of the pathogen to a minimum, so that anyone can visit any premises presenting a potential danger with : MINIMUM INFECTIOUS RISK

Amplifying the action of Nocolyse

The combination of speed and temperature enables the ionization of the emitted particles and the degradation of the peroxide to create extremely oxidizing free radicals (superoxide ions) with a very short lifetime.

As micro-organisms are very hydrophilic, a nucleation process takes place in which each cell is transformed into "liquid crystal" of peroxide. This is the notion of "bacterial mist" each micro-organism contributes to its own destruction.

Self-destruction of Bacteria

Chlorine is naturally present in micro-organism and under the action of free radicals it is transformed into active chlorine, destroying the bacteria. The silver atoms which are present in the solution have an effect on the surfaces of the premises treated inhibiting the growth of newly settled micro-organism.

Technology - Heating & Ionising Turbine

The combination of SPEED (80 m/s) & TEMPERATURE (40° C) enables the ionising of emitted particles and the degradation of peroxide to create extremely oxidising free radicals (superoxide ions) with a very short lifetime.

Fast Action - 30 Minutes of Contact Time

Treatment of 50 cubic metre requires 3 minutes of spray time & the area can be used only 30 minutes later

Safety - No Residue, No Corrosion & Bio-Degradable

Non-allergenic dry fog does not harm humans or environment.

There is no formation of volatile organic compounds due to the rapid decomposition of more than 99.99% of dry fog (superoxide ions) which leaves nothing behind once it has acted.

Economical - Low Operating Cost

1 ml of Nocolyse is sufficient for treatment of 1 cubic metre of area

Efficiency - 6 Log Reduction

Eliminates entire spectrum of micro-organisms i.e. Virus, Bacteria, Yeast, Mould & Spores to the level of 99.9999% after just one application.



Examples of contamination on surface



NOCOSPRAY & NOCOMAX

Our range of machines can handle volumes of up to 20,000 m³.

NOCOSPRAY

Our lightweight and portable machine for disinfecting surfaces of volumes up to 1,000m³.



WALL-MOUNTED NOCOSPRAY

Our wall or ceiling mounted spraying machine.



WALL MOUNTED NOCOSPRAY WITH WALL CROSSING SYSTEM

Our wall mounted diffusion machine allows the treatment of a room from the outside, thanks to a wall crossing system.







NOCOMAX EASY

Our airborne diffusion machine dedicated for industrial use to cover large volumes of up to 2000m³.



Advantages

-  **Easy adjustment** for the volume of the room to be treated
-  **Very small amount** of product required.
-  **No preparation required** before treatment (except for cleaning) and no intervention required after treatment (no need to wipe or ventilate).
-  **Many accessories** and options available.

Technical information

- Manufactured in France by Oxy'Pharm according to ISO 13485 standard
- Output speed of the mist: 80 m/sec
- Weight :
 - ≤ 6.2 kg (NOCOSPRAY)
 - from 25 to 49 kg (NOCOMAX)
- Average flow rate:
 - 1,000 ml/h (NOCOSPRAY)
 - 6,000 ml/h (NOCOMAX)
- Automatic shutdown
- Treatment traceability system
- Particle size <5 μ

DISINFECTANTS

Our automated spraying devices (Nocospray and Nocomax) treat the air and surfaces using a range of totally biodegradable disinfectants. All the disinfectant products in our range are safe (no residue), non-allergenic, non-corroding on all surfaces (including electronic surfaces) and are environmentally friendly.

Our diffusion technology is effective on all germs: viruses, bacteria, yeast, moulds and spores.

NOCOLYSE

Nocolyse is a ready-to-use bio-disinfectant containing 6% hydrogen peroxide and 17 ppm silver.



Biocide registration in TP2 use

**No
silver**

NOCOLYSE FOOD

Nocolyse Food is a ready-to-use bio-disinfectant containing 7.9% hydrogen peroxide, without silver. Nocolyse Food is used to treat surfaces in contact with food.



Biocide registration in TP2 use - TP3 - TP4

**No
rinse**

OXYDOR

Deodorising products eliminate bacteria that cause bad odour. It's an essential oil based product.



**No
waiting
time**

Advantages

-  Biodegradable
-  Non-toxic
-  Non-corrosive
-  No residue
-  Non-allergenic
-  Does not develop germ resistance

Technical information

- Manufactured in France by Oxy'Pharm according to ISO 13485
- Bactericide, virucide, sporicide, fungicide, mycobactericide
- Compliant with DSVA: EN 17272 (April 2020)
- Compliant with standards:

EN 13697	EN 14476
EN 13704	EN 1656
EN 14348	EN 1657
EN 1276	EN 13610
EN 1650	EN 14204
EN 13624	EN 14675
EN 13727	



Biodegradable surface treatment for all areas of application



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