



EXPM ANOXIA BUBBLE

EXPM Anoxia Bubble

ANOXIC DISINFESTATION PROCESS

Ecological, user-friendly disinfestation.

The method has no harmful secondary effect on objects that are treated nor does it constitute any health risk for operators and users.

Inert gas is used, usually nitrogen, which causes insect death by asphyxiation and dehydration.

Anoxia eliminates insects at any stage of their development – egg, larva or adult.

THE WORKING OF THE EXPM INERT GAS BUBBLE

Disinfestation using the EXPM Anoxia Gas Bubble involves isolating the material to be treated in a bubble of plastic film that is highly impermeable to oxygen.

Air inside the bubble is replaced with an inert gas (nitrogen, argon or carbon dioxide).

EXPM inert gas bubbles provide a made-to-measure ecological, non-toxic solution for occasional needs to disinfest documents or objects.

This technique allows local treatment to be carried out at places where documents and collections are stored, eliminating security risks and the integrity of the material, while also allowing objects of various shapes and sizes to be treated with the same efficiency.





THE TREATMENT

PLACE OF TREATMENT

The bubbles can be made at the place where the archives are located, provided there are adequate conditions, or at other suitable premises.

SEQUENCE OF THE WORK

1. Pack the material to be disinfested in appropriate cardboard boxes;
2. Stack the boxes and form the plastic bubble;
3. Purge the air from the bubble until the right oxygen level is achieved;
4. Adjust the process variables until the values required for the treatment are matched;
5. Keep the bubble parameters at the required levels during 3 to 4 weeks;
6. Open the bubble and remove the treated material.



EXPM CAN PROVIDE THE FOLLOWING SPECIALISED SERVICES TO COMPLEMENT ANOXIC TREATMENT

- Cleaning
- Inventories
- Transport
- Packing
- Monitoring presence of infesting insects