



EXPM 6 ANOXIC DISINFESTATION CHAMBER

EXPM 6 Anoxia Chamber

ANOXIA DISINFESTATION PROCESS

An ecological, user-friendly disinfestation method.

This process has no noxious secondary effects on the object to be treated, nor does it involve any risk to the health of operators or users.

It uses an inert gas, usually nitrogen, which causes death of the insects by asphyxia and dehydration.

Anoxia eliminates the investing insects at any stage of their development – eggs, larvae or adults.

WORKING OF THE EXPM 6 CHAMBER

For continuous, systematic treatment of documents and other archival objects.

The equipment has been designed to deal with books, documents and works of art.

This system allows the parameters of the atmosphere inside the chamber to be set and controlled, providing an appropriate, low oxygen content atmosphere.

Intuitive, automated operating, control and recording mechanisms.

Remote technical assistance by means of modem connection installed in the chamber.





TECHNICAL SPECIFICATIONS

Reference	EXPM 6 Anoxia Chamber
Construction material	316L stainless steel and carbon steel
Weight (empty)	2800 Kg
External dimensions of the chamber	2040mm X 2190mm X 2400mm (depth X width X height)
Chamber volume	6 m ³
Capacity	Approximately 100 to 120 linear metres of documentation per treatment
Duration of the treatment	1 to 3 weeks
Mortality	100% of the infesting insects regardless of their state of development
Inert gas consumption	About 30 m ³ of nitrogen per treatment – supplied from compressed gas bottles or nitrogen generator
Parameters controlled automatically	Oxygen content, humidity, temperature and pressure
Support infrastructures required	Exhaust gases to the exterior (ø 50mm): either direct or piped Electricity supply: 220 V (single phase), 32 A Water supply Drain supply Dedicated telephone line
Integrated EXPM Service	Includes operator training