

## **Traditional Anoxia treatments**





Pest control for **artistic and cultural heritage conservation** is a challenge due to the objects historical and economic value and the obvius impossibility of using chemicals and common treatments.



## Storage food industry









Smart Anoxia control unit is a compact and innovative IoT (*Internet of the Things*) device that monitors and submits to the Cloud the conditions inside the anoxia sealed bubble.

- Remotely controlled from any Internet connected device (smartphones, laptons, tablets,)
- Transmits in real-time the treatment status.
- Humidity and temperature digital sensors included (No calibration needed).
- Powered by Alkaline batteries.



The treatment is **remotely controlled** from any Internet connected device such smartphones, tablets or laptops.



**Controlled Anoxia environment** created by one single operator.

- Anoxia's Bubble is suitable for any kind and any size.
- Anoxia treatment **do not cause** damages to the treated objects.



Saving cost in equipments, manpower supplies and logistics.



Real-time data, remote control alerts and report generation to share.



100% Environmentally friendly, safe and effective.

✓Books

## **Applications**

Artistic and cultural heritage ✓ Furniture Food storage Special care

✓Museums Files



## **Components and accessories**

- 1. Anoxia Control Unit
- 2. Polybarrier Film
- 3. Router
- 4. Samitech Cloud Service

- 5. Oxygen scavenger packages
- 6. Humidity Control sachets
- 7. Heat Sealer





### Easy to use - Operation steps



Step 1: Extend the poly-barrier film creating the base of the anoxia bubble.



Step 2: Place the objects to be treated over the base.



Step 3: Wrap the film around the objects and finally cut and seal the edges creating the anoxia bubble.



Step 4: Switch on the Control Unit and place it inside the bubble. Finally, introduce the oxygen scavenger sachets just before completely sealing the bubble.



Step 5: Confirm the router is properly connected and in range to the bubble. From now on the treatment is self controlled and can be monitored from any device.



Step 6: When the completed treatment alert is received, you can open the bubble safely. Simply cut the film by the sealed edges. Remember the film is reusable.



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