Smart Anoxia

Traditional Anoxia treatments
Pest control for **artistic and cultural heritage conservation** is a challenge due to the objects historical and economic value and the obvious 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 as smartphones, tablets or laptops.
Anoxia treatment do not cause damages to the treated objects.

100% Environmentally friendly, safe and effective.

Saving cost in equipments, manpower supplies and logistics.

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

Anoxia’s Bubble is suitable for any kind and any size.

Applications

- Artistic and cultural heritage
- Furniture
- Food storage
- Special care objects
- Museums
- Books
- Files

Controlled Anoxia environment created by one single operator.
Smart Anoxia

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
**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.