The Anoxibug insect pest control solution is a revolutionary atmospheric control method, making it possible to eliminate insect pests from organic materials cost effectively and efficiently. The Anoxibug is the first product of its kind that can eradicate damaging insect pests from organic materials 100% effectively without the need for expensive chemical treatments.

The treatment process is simple and effective and can be used by in-house staff at a convenient time with minimal disruption. The oxygen scavenger is based on oxidation of metal (iron) and has earned a reputation as a consistently made product. Simply place the applicable item(s) into the relevant container – flexicube, flexiart bag or flexitube. Insert an oxygen sensor and scavengers then seal the bag. The oxygen sensor LED will turn green when oxygen levels have fallen and treatment is in process. Treatment usually takes 30 days to complete.

Not only is the Anoxibug system chemical-free, it’s also hugely cost effective in comparison with all other insect pest control treatments. To compliment this process, the Hanwell oxygen sensor can be supplied with radio transmission, temperature and humidity options for storing items following treatment. Items stored in the containers with this environmental monitoring enables users to protect items from further infestations and other damaging parameters, such as light and ultraviolet light.

**Product Features**
- Safe, long-term storage protection
- Artefacts stored in bags are protected from long-term infestation, light and UV
- Does not contain residual pesticides, such as malathion and permethrin
- Does not contain harmful gases, such as methyl bromide and phosphine

**Benefits**
- Cost effective and reliable
- Stress-free, easy-to-follow method
- Artefacts never leave protection of your own building
- A fraction of the cost of other methods

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**Common Insect Pests**
Woodworm, carpet beetle larvae, clothes moths, and silverfish are only the most common pests that are capable of devastating organic materials.

**Woodworm Larve**

**Carpet beetle**

**Silverfish**

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**Disclaimer**
The information contained herein is believed to be reliable. The IMC Group Ltd is not responsible for any incorrect or incomplete information on this datasheet and the information or product may be changed without notice. Customers should obtain and verify the latest relevant information before placing orders for IMC products.

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**Format**
- Indicator ✔
- Data Logger ❌
- Radio Transmitter ✔
How it works

1. Place the artefact into the relevant container
2. Insert the relevant amount of oxygen scavengers and optional RH Stabilisers
3. Insert Anoxibug Alert device into allocated window
4. Seal the bag using the Heat Sealer HZ HotSeal or a domestic iron on its highest setting
5. After 30 days, either open the bag and discard the dead insect pests or put the artefact straight into storage, still in the bag

### Step 1 – Choose your container

<table>
<thead>
<tr>
<th>Choose your container (required)</th>
<th>Number of oxygen scavengers (required)</th>
<th>Number of RH stabilisers (optional)</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Option 1 – FlexiArt</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Designed for smaller, flat items e.g. paintings. Bags are available in 1, 2 and 3 square meters.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>T484 1sq.m – 1m x 1m</td>
<td>1 scavenger</td>
<td>4 RH stabilisers</td>
</tr>
<tr>
<td>T485 2sq.m – 2m x 1m</td>
<td>1 scavenger</td>
<td>4 RH stabilisers</td>
</tr>
<tr>
<td>T486 3sq.m – 3m x 1m</td>
<td>1 scavenger</td>
<td>4 RH stabilisers</td>
</tr>
<tr>
<td><strong>Option 2 – FlexiCube</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Ideal for larger objects e.g. furniture. Boxes are available in 1, 3 and 5 cubic metre sizes.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>T487 1cu.m – 1m x 1m x 1m (h)</td>
<td>1 scavenger</td>
<td>4 RH stabilisers</td>
</tr>
<tr>
<td>T488 3cu.m – 1.5m x 1.5m x 1.3m (h)</td>
<td>3 scavengers</td>
<td>12 RH stabilisers</td>
</tr>
<tr>
<td>T489 5cu.m – 2m x 2m x 1.25m (h)</td>
<td>5 scavengers</td>
<td>20 RH stabilisers</td>
</tr>
<tr>
<td><strong>Option 3 – Flexitube</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Intended for fabrics e.g. Rolled carpets. Tubes are available in 2.5 and 4.5 metre lengths (500mm in diameter)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>T4822.5m – 2.5m x 0.5m diameter (0.5cu.m volume)</td>
<td>1 scavenger</td>
<td>4 RH stabilisers</td>
</tr>
<tr>
<td>T4834.5m – 4.5m x 0.5m diameter (0.8cu.m volume)</td>
<td>2 scavengers</td>
<td>8 RH stabilisers</td>
</tr>
</tbody>
</table>

### Oxygen Scavenger

1, 1 kg scavenger is sufficient for each 1 cu m of air.

**T490 – Anoxibug Scavengers**

### RH Stabiliser

When treating very delicate items or where there is a specific need for lower Relative Humidity, we recommend adding Anoxibug Humidity stabilizers (4 per cu m)
Each Anoxibug container has been purpose-built with an internal window to fit a Anoxibug Alert device. The oxygen sensor notifies users that a low oxygen environment has been achieved and is being maintained.

This device can be either an indicator only or a radio transmitter with optional temperature and humidity sensors. Select the best option for your needs below.

### Step 1 – Choose your container

<table>
<thead>
<tr>
<th>Description</th>
<th>Anoxibug Alert indicator only</th>
<th>Anoxibug Alert Radio Transmitter only</th>
<th>Anoxibug Alert Radio transmitter with temperature and humidity sensor</th>
</tr>
</thead>
<tbody>
<tr>
<td>Product Code</td>
<td>O2-AI</td>
<td>O2-434.700 (other frequencies available)</td>
<td>O2-RHT-434.700 (other frequencies available)</td>
</tr>
<tr>
<td>O2 Sensor</td>
<td>Electro Chemical Cell</td>
<td>Electro Chemical Cell</td>
<td>Electro Chemical Cell</td>
</tr>
<tr>
<td>O2 level temperature sensitivity</td>
<td>0.2% Signal/C</td>
<td>0.2% Signal/C</td>
<td>0.2% Signal/C</td>
</tr>
<tr>
<td>O2 level pressure sensitivity</td>
<td>&lt;0.02% Signal/mBar</td>
<td>&lt;0.02% Signal/mBar</td>
<td>&lt;0.02% Signal/mBar</td>
</tr>
<tr>
<td>RH accuracy</td>
<td>±3% RH</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Temperature accuracy</td>
<td>±0.3C</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Required hardware</td>
<td>O2-RX-P4-TX-434.075 (other frequencies and power supplies are available) Translator</td>
<td>O2-RX-P4-TX-434.075 (other frequencies and power supplies are available) Translator</td>
<td></td>
</tr>
</tbody>
</table>

### Connectivity Functions

If choosing the Anoxibug transmitter option, users also require a Translator unit. The Anoxibug Translator serves two functions:

#### Live Display of Data

The interface can be connected via a USB connection to a local PC which will then show a live view of the situation in all Anoxibug environments within radio range.

#### Translation to a Radiolog system

The device can also translate the messages to standard Hanwell format and transmit them on to a Radiolog system. This will then allow full logging and alarming features to be available for the devices.

Instrumentation Specification

- **Dimensions:** 105 x 65 x 19mm (excluding aerial and RH/T sensor options)
- **Weight:** 100 grams without battery
- **Power Supply:** 2 x AAA Alkaline battery
- **Case Material:** ABS
- **Battery Life:** 3 years (basic unit only, no radio)
- **Software options:** W400 – RadioLog 8.4+ W119 – RadioLog 8.4+ Validated software for Heritage W500 – RadioLog 8.4+ Validated software for all other industries: Industrial, Food, Pharma & Hospital W315 – Anoxibug PC Software
- **Hardware options:** SR2 – Smart Receiver CR2 – Controller REP – Repeater

*Note: Instrument operating range 5°C to +40°C in a 0 to 95% non-condensing RH environment*
Intelligent monitoring and control solutions:

In Buildings | In Transit | Outdoor/Remote

Contact Us for more information about how to apply our products to your application.