

# INSECTOMAT®

# 5k & 10k Insect Detection

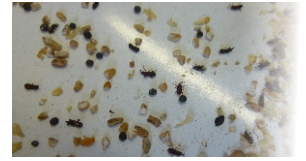
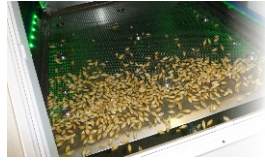


**10K**  
Floor Standing



**5K**  
Desk Top

- ◆ Test Up To 10kg Of Grain In Less Than 2 Minutes
- ◆ More Accurate Than Hand Sieving
- ◆ Improves Quality Control
- ◆ Simple To Operate



**“Up to 180 times faster than the Berlese Funnel Method!”**

## Specifications

### 5K

110V AC 60Hz  
230V AC 50Hz  
Single Phase

### Dimensions

Height 440mm  
Width 420mm  
Length 600mm  
Weight 40kg

### 10K

230V AC 50Hz  
Single Phase

### Dimensions

Height 1400mm  
Width 750mm  
Length 1500mm  
Weight 170kg

The Insectomat is essentially an automatic sieve that separates insects into a white plastic tray where they can be spotted easily. By preventing the intake of insects at an early stage, costs can be saved on fumigation and cleaning.

The Insectomat provides a quick and accurate method for testing wheat, barley and oats for insect infestation. It was developed in conjunction with the Home-Grown Cereals Authority, and can test up to 5kg or 10kg of grain at one time.

Hand sieving a small 500g sample at intake does not give a good representation of an entire bulk load. The chosen sample may not contain any insects even though the larger load does. The more grain that can be tested, the better the representation of the load. The Insectomat improves the chance of finding an insect by providing the ability to test large amounts of grain fast and efficiently.

## Simple Operation

The user simply tips the sample of grain into the inlet hopper at the top.

The sieve is automatically activated.

Grain falls into the tray at the front.

Insects fall through the sieve to a separate white tray.

Insectomat automatically stops when finished.

User removes and inspects insect tray.



**TEKPRO®**

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# INSECTOMAT®

## 5k & 10k Insect Detection


### Improved Insect Detection for Wheat, Oats, and Barley

Suppose a bulk sample of 10kg contains just a few insects...

Even if randomly divided, when a sub-sample of 1kg (which can be any of the 10 divisions shown below) is checked by manual sieving, there is only a 10% chance that the insects will be detected.

1kg	1kg	1kg	1kg	1kg
1kg	1kg 	1kg	1kg	1kg

When using the **INSECTOMAT 10k** to screen the full 10kg sample, the insect detection rate is 100%.

<b>10kg Bulk Sample</b>  
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INSECTOMAT® 10k



INSECTOMAT® 5k

***“Insectomat is like an x-ray machine and doesn’t miss a thing, it takes quality control to another level”.***

Julian Scott, General Manager - Sentinel Shipping Services Ltd.

***“We have found that by screening loads with the Insectomat, the risks are reduced to a manageable level”.***

Herr Munstermann, Director of Mills United, Germany.

Manufactured exclusively in the UK By:



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