

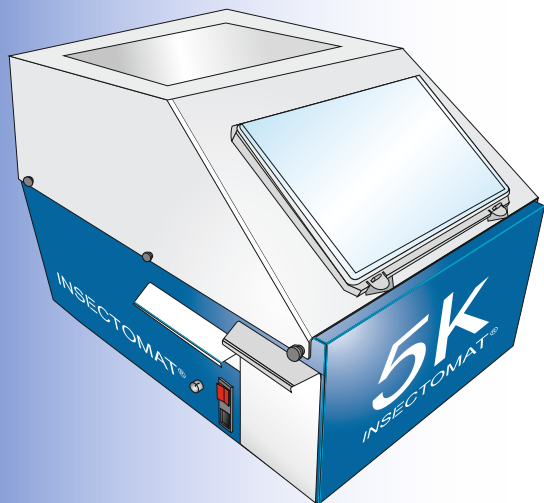
# INSECT DETECTION

# INSECTOMAT®

insect detection you can count on

## INSECTOMAT® 5k

## Improved Insect Detection for Wheat and Barley



The INSECTOMAT 5K & 10K are sophisticated sieves which allows insects to be extracted from large samples of grain. Developed in conjunction with Home-Grown Cereals Authority, they process up to 5kg & 10kg of sample and are ideally situated to assessing samples at the laboratory and at Intake. Extensive testing has confirmed that a single insect in a 5kg or 10kg sample will be identified and extracted.

### The benefits of INSECTOMAT:

- Improved Health & Safety standards by eliminating lab operatives inhaling dust when compared to manual sieving.
- Better quality control
- Improved detection of insects at intake
- Prevents infested grain being added to clean stock

- Improved pest detection will allow stores, mills and export silos to ensure they do not accept or supply customers with infested grain.
- Eliminates the need for costly fumigations.
- Minimises pesticide usage
- Up to 180 times quicker than the Berleses Funnel Method
- 100% Insect detection rate

### Accuracy

0.1 Insects / kg detectable in samples of up to 10kg

### Repeatable results

Automatic screening eliminates operator error and leaves the operator hands-free to carry out other tasks.

### Fast & easy to use

10kg of wheat / barley screened for infestation in under 2 minutes. Infested grain can be rejected to avoid contamination of larger bulk.

### SPECIFICATIONS

#### Voltage :

230V AC 50Hz Single Phase

#### Dimensions :

440mm (H) x 420mm (W) x 600mm (L) (5K)

1400mm (H) x 750mm (W) x 1500mm (L) (10K)

#### Construction :

Mild Steel with durable powder coat finish  
Stainless Steel removable trays  
ABS Hood

## INSECTOMAT® 10k



Full System Specification available at

**Web:** [www.insectomat.com](http://www.insectomat.com)

**Email:** [insectomat@tekpro.com](mailto:insectomat@tekpro.com)

**Tel:** +44 (0) 1692 403403

**Fax:** +44 (0) 1692 404955

TekPro Limited - Willow Park - North Walsham - Norfolk - NR28 0BD - UK






# INSECT DETECTION

# INSECTOMAT®

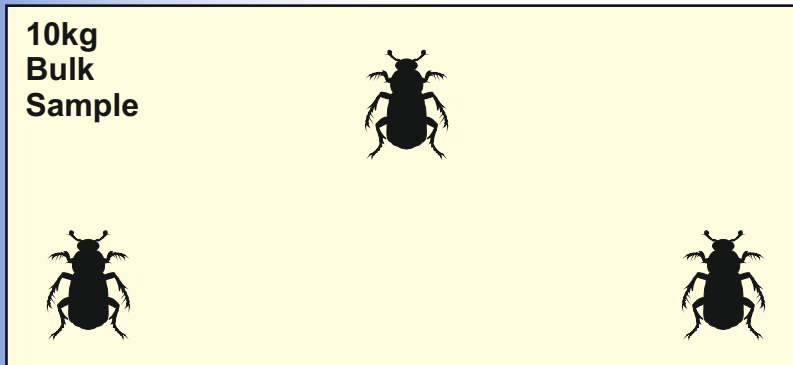
insect detection you can count on

## Improved Insect Detection for Wheat and Barley

Suppose a bulk sample of 10kg contains 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	

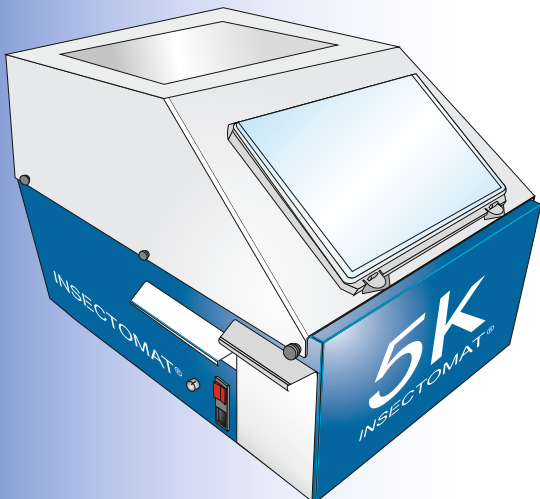
When using the INSECTOMAT to screen the full 10kg sample, the insect detection rate is 100%.



## 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.

Full System Specification available at

Web: [www.insectomat.com](http://www.insectomat.com)

Email: [insectomat@tekpro.com](mailto:insectomat@tekpro.com)

Tel: +44 (0) 1692 403403

Fax: +44 (0) 1692 404955

TekPro Limited - Willow Park - North Walsham - Norfolk - NR28 0BD - UK

