

## **Z-Tech Control Systems Ltd**

Following our recent feature in Farmers' Weekly, we are using UK Grain to launch our Grain Dryer Automation— a first to use microwave moisture sensors for accurate grain moisture monitoring and control\*.

The product line ranges from a Monitor and Alert system, through to automation based on either a single or dual microwave moisture probes.

We can retro-fit into most dryers to update your control system without changing the whole unit.

### **OPTIONS:**

#### **Z-Tech Monitor and Alert - £4995 (DIY) and from £5995 (installed)**

The Z-Tech Monitor and Alert is the first option in our series and gives a cost-effective solution to reduce labour costs.

Install the system yourself, following our detailed illustrated guide, or we can fit it for you from £1000.

The unit features a graphical interface which monitors the grain moisture content after the dryer and sends you a text if its tolerances change from the programmed settings – this means you no longer need someone present to take regular readings.

The unit has a self-calibrating function which means that you can easily set it to whatever product is going through your dryer and alter the text alert settings to your own tolerances.

#### **Z-Tech Monitor and Alert comes with:**

- one microwave moisture sensor
- one Z-Tech Control Module
- all cabling, installation guides and support.
- one year's FREE subscription to the Z-Tech text alert service \*\*

\*our pre-production trials saw consistent accuracy of +/- 0.1% across the cycle

\*\* text alert service for year 2 is a fixed cost of £8/month and is subject to standard network charge increases thereafter

#### **Z-Tech MC1 - from £9995 (installed)**

Incorporating all the features of Z-Tech's Monitor and Alert, the MC1 offers the increased benefit of automated control which is custom mapped to your dryer.

The single sensor arrangement measures the out-feed moisture content and alters the dryer speed automatically, reducing the need for intervention if set tolerances are exceeded.

Our control module sends you a text if set tolerances are exceeded, or there is an abnormality in the moisture content.

Due to the frequency of the measurements taken, this system is more accurate than most continuously-manned dryers and once the dryer is started, it will run itself, saving on labour costs.

Fitment of the Z-Tech MC1 is custom to your individual dryer and as such a DIY option is not available.

### **Z-Tech MC2 – from £18995 (installed)**

Incorporating the features of Z-Tech's MC1, MC2 is our deluxe system and features two sensors fitted on the in-feed and out-feed of your dryer.

Suitable for farmers and farm contractors who deal with grain from different sources, the system monitors the moisture content of the pre-dried grain and takes a time-lag factor to incorporate with the out-feed moisture sensor and alter the speed of the dryer accordingly.

Fitted by our own trained Instrument Technicians, the system is custom-fitted to most dryers.

We also include time-related graphical data which can be viewed via our website or by our phone 'app' – this means you are able to monitor the status of your grain from any location and keep accurate records for quality purposes.

**Contact us for more information or to place an order.**

**Note:** MC1 and MC2 require an initial site visit, for which we charge a deposit of £300 which is returnable if a) you make an order or b) for some reason we are unable to integrate with your system.

All equipment carries a full 12 month warranty and technical support.

Luke Stanbridge

Z-Tech Control Systems

Unit 4 Meridian

Buckingway Business Park

Anderson Road

Swavesey

Cambridge

CB24 5AE

[sales@z-tech.co.uk](mailto:sales@z-tech.co.uk)

+44(0)1954 232 097