

#### Computer Requirements

Latest Specification:  
PC Operating System:

PC and Monitor with 1 x PCI Slot  
Windows XP

#### Measuring Station

Dimensions:  
Weight:

Depth: 460 mm; Width 285 mm; Height 380 mm  
Measuring Head 12.5 kg



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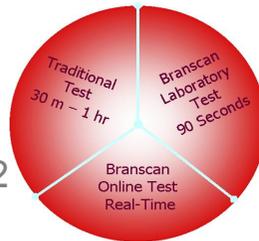
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### FluorSCAN F2000 Laboratory System

The reliable real-time online system for measuring  
Aleurone and Bran in flour products

# Saving Your Time and Increasing Your Profit

Branscan offers an online system for the identification of aleurone and bran in flour products. To date, Branscan have installed over 100 systems worldwide and operate 22 distributors over all five continents.



## The Reliable and Rapid F2000 Laboratory System for Measuring Aleurone and Bran in Flour Products

Profit and quality are key for the success of any organisation. Fluoroscan is the first system to offer online real-time analysis in laboratories and processing plants, where error margins for contamination differ from one person to another.

- A quick, analytical, non destructive and repeatable test, replacing the furnace, muffle or visual inspection tests.
- Already adopted by major international organisations in the milling, baking and food industries.
- Meets laboratory test criteria and assists in the compliance of ISO9001:2000.
- Rapid analytical process, obtaining results in 90 to 120 seconds from a given sample, compared to traditional tests taking anything from 3 to 9 hours.
- Portable system weighing 12.5 kg ensuring results can be obtained anywhere they are needed.
- Quickly and easily installed with no need for specialist engineers or sophisticated PC.



Sample analysed by Fluoroscan F2000

Results, live and processed images are displayed on the screen allowing the user to view and utilise the sample analysis in minutes.

## Uses Proven Image Processing Technology

Fluoroscan is based on well-established and proven image processing technology which has been used successfully within major manufacturers worldwide for nearly a decade.



- Specially developed algorithm and lighting system means daily calibration is not required.
- Live image and processed image displayed on the screen allowing the user to see the sample analysed instantly. All data can be archived and exported.
- Ability to measure number and percentage of aleurone and bran (yellow and brown specks), and report on ash value.
- Configurable to give measurements that operatives recognise and understand.
- Access codes can be employed to comply with regulations for equipment accessibility.

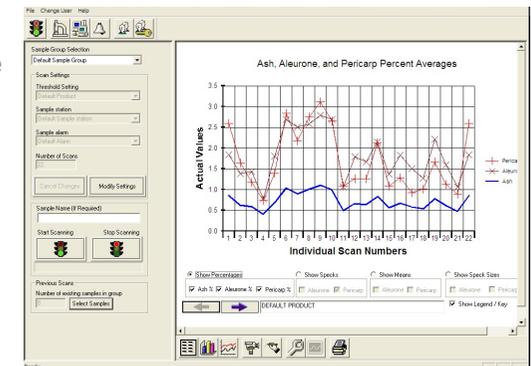
## Covers A Wide Range of Applications

Aleurone and bran are the determining factor of the final appearance, grade and purity of the product and ultimately the final selling price. In some cases impurities can result in the rejection of whole batches.

The Fluoroscan F4000 online system uses UV light to pick up the yellow specks of fluorescent aleurone and the dark specks of bran in flour products such as:

- Semolina
- Rye
- Wheat
- Oat
- Barley

Data can be displayed by the Fluoroscan software as both aleurone and bran counts and speck percentages, as well as further data such as graphs.



For Further Information on Branscan Products  
[www.branscan.com](http://www.branscan.com)

