



Fluoroscans F4000 On-line Monitoring of ASH and Specks in flour

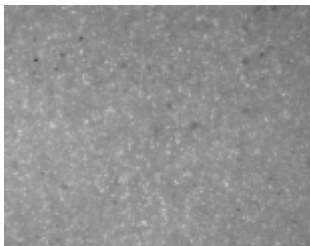
The **F4000 FLUOROSCAN** gives users the ability to measure ASH and Specks in flour and **accurately** and **consistently**.

The **F4000 FLUOROSCAN** system uses the same intelligent algorithm as the **F2000** laboratory system, therefore giving the millers and bakers the ability to use the same Ash percentage and Speck count information in both on-line and laboratory applications. The specially developed algorithm and lighting system, means daily calibration is not required.



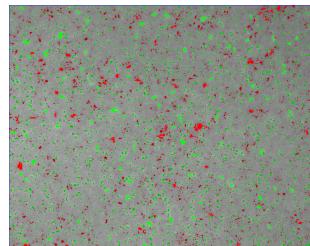
Benefits of the **F4000 Fluoroscans** on-line system:

- Continuously measures bran, aleurone, ash, percentages and speck count.
- Optimise mill flow and set-up to maximize flour yield and quality.
- Detect sifter clothing bursts immediately.
- No calibration or corrections required once the system is commissioned.
- Feedback loop for flour blending purposes available.



Live image

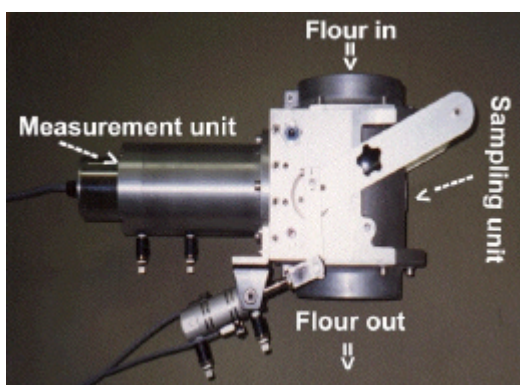
Captured on **FLUOROSCAN F4000** on-line system



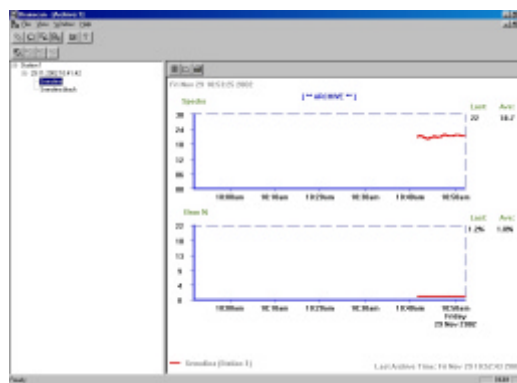
Processed image

Technical details

- Results updated every 20-30 seconds, depending on the configuration selected.
- Measuring head is pneumatically activated.
- Alarm system incorporated to indicate when a product deviates from set parameters.
- Measuring unit can be mounted up to 100m from the PC control station, which is generally situated in the control room.
- Up to four separate heads per control unit.
- Components: Measuring head (up to four), pneumatic control cabinet, PC monitor, printer and cables and airlines.



A Fluoriscan measuring head



Results shown graph form

Standard pipe fittings available, diameter:	120mm (5 in. nominal), 150 mm (6 in. nominal) 200 mm (8 in. nominal).
Dimensions of Measuring Station:	Depth 600 mm; Width 270 mm; Height 450mm.
Minimum PC Specification:	P3 500 MHz, 64MB Ram, 500MB Hard Disk, 1 X PCI Slots.
PC Operating System:	Windows 98 SE.
Monitor Type:	CRT or LCD with SVGA cable
Screen Resolution:	1024 x 768 pixels
Printer:	Any printer can be connected.
Enclosure: Control cabinet	BS EN 60 204 HV / Magnetic Interference BS 7540 cabling.
Weight:	Measuring Head: 10 - 15 Kg. Depends on size. Pneumatic station: 20 Kg

Branscan Limited

www.branscan.com

ALYS Labware, Lausanne

Tel : 021 312 42 60

Fax : 021 312 42 61

labware@alys-technologies.com