

**Minimum Computer Requirements**

Latest Specification: PC and Monitor with 1 x PCI Slot  
 PC Operating System: Windows XP

**System Specification**

Enclosure Control Cabinet: BS EN 60 204 HV / Magnetic Interference  
 BS 7540 Cabling  
 Dimensions of Measuring Station Weight: Length: 600 mm; Width 270 mm; Height 450 mm  
 Measuring Head 10 – 15 Kg (Depending on Size)  
 Pneumatic Station 20 Kg  
 Standard Pipe Fittings Available 75 mm to 200 mm (3 inch to 8 inch nominal)



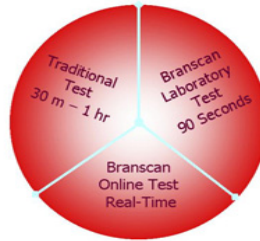
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**Powderscan P4000 Online System**

The reliable real-time online system for measuring  
 contamination in powder products

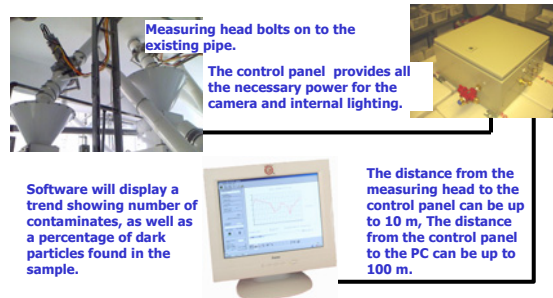
# Saving Your Time and Increasing Your Profit

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



## The Reliable and Rapid P4000 Online System for Analysing Contamination in Powder Products

Profit and quality are key for the success of any organisation. Powderscan is the first system to offer online real-time analysis in processing plants.



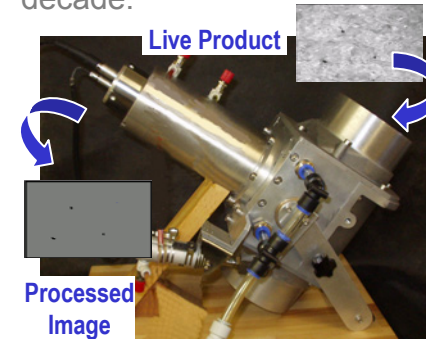
- Already adopted by major international organisations in the chemical, pharmaceutical, personal healthcare and food industries.
- Configurable to operate 4 pneumatically activated measuring heads connected to individual control panels through one PC.
- Built in alarms configurable to suit individual customer requirements.
- Screen can be remotely located.
- Assists in the compliance of ISO9001:2000
- Rapid analytical process, obtaining results in real-time.
- Can be used in lights-out processing operation where plant functions in 24/7 environment.
- Electrical power located in its own independent control panel rated to IP66/67.
- Configurable for use in ATEX Zones 21 and 22.

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

## Uses Proven Image Processing Technology

Powderscan 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 in real-time. All data can be archived and exported.
- Capable of scanning up to 5 separate criteria at once.
- Ability to measure number and percentage of impurities.
- Configurable to give measurements that operatives recognise and understand.
- Access codes can be employed to comply with regulations for equipment accessibility, in accordance with FDA guidelines.



## Covers A Wide Range of Applications

Contamination is the determining factor of the final appearance, grade and purity of the product and ultimately the final selling price. In some cases contamination can result in the rejection of whole batches.

Powderscan P4000 online system provides data for a wide variety of products such as: -

- Casein
- Chemical Bead/Powder
- Gelatine
- Gluten
- Milk and Whey Powder
- Starch
- Semolina

Data can be displayed on the Powderscan software as both speck counts and speck percentages, as well as other data such as graphs.

