



CropScan 2000B

Near Infrared Transmission Analyser

The CropScan 2000B is a powerful near infrared spectrophotometer capable of measuring protein, oil and moisture in cereal grains, oil seeds, flour, meals, stockfeeds and bio-fuels. The instrument uses near infrared transmission spectra and supports a range of sample cells for whole grains and seeds as well as powders, leaves and berries. The CropScan 2000B uses a moving sample cell to average spectra over a wide sample area.



Australian designed and manufactured

Features	Benefits
NIR Transmission technology	Same NIR technology as used by AWB, Graincorp, CBH and Ausbulk
Broad Spectral Range	720-1100nm Multiple constituent analysis Optimum PLS calibrations 1st and 2nd derivative spectral data Qualitative and quantitative analysis
No Moving Parts	Unaffected by vibration Independent of orientation Rugged, stable and compact
Internal Computer, Keyboard, LCD	Stores calibrations and predicts constituents onto a LCD Save results using alpha/numeric characters
RS232 Serial Port	Provides a convenient method of uploading stored data to a PC or to download calibrations to the instrument
5 Sample Cells Available (Supplied with 1 piece)	8mm cell - canola, powders 15mm cell - barley, sorghum 18mm cell - wheat, oats, triticale 28mm cell - lupins, faba beans, chick and field peas Powder cell - flour, meals, semolina
Sample Transport Module (STM)	Scans large sample area Automates multiple sample loadings Requires less bench space
Small Footprint	
Specifications	
Scan Range:	720-1100nm
Pixels:	38
Scan Speed:	2-4 seconds
Power:	110/240VAC, 19VDC
Applications	
Wheat	Protein and moisture
Barley	Protein and moisture
Soybean	Protein, oil and moisture
Corn	Protein, oil and moisture
Canola	Oil and moisture

Certified under the NMI Pattern Approval for Protein Measurement.



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