



2000B Near Infrared Transmission Analyser

The CropScan 2000B is a powerful Near Infrared Transmission spectrophotometer capable of measuring protein, oil and moisture in cereal grains, oil seeds, flour, meals 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, liquids, slurries, eaves 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 throughout the world for grain trading.
Broad Spectral Range	720-1100nm Multiple constituent analysis Optimum PLS calibrations 1st and 2nd derivative spectral data Qualitative and quantitative analysis
Diode Array Optics	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, USB Memory Device	Provides a convenient method of uploading stored data to a PC or to download calibrations to the instrument
5 Sample Cells Available (Supplied with 3 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
Specifications	
Scan Range	720-1100nm
Pixels	38
Scan Speed	2-4 seconds
Power	110/240VAC, 19VDC
Physical	12kg, 450 x 380 x 270mm
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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