

CropScan

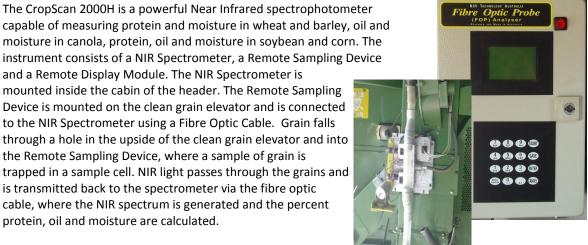
Model 2000H On Header Analyser

capable of measuring protein and moisture in wheat and barley, oil and moisture in canola, protein, oil and moisture in soybean and corn. The instrument consists of a NIR Spectrometer, a Remote Sampling Device and a Remote Display Module. The NIR Spectrometer is mounted inside the cabin of the header. The Remote Sampling Device is mounted on the clean grain elevator and is connected to the NIR Spectrometer using a Fibre Optic Cable. Grain falls through a hole in the upside of the clean grain elevator and into the Remote Sampling Device, where a sample of grain is trapped in a sample cell. NIR light passes through the grains and is transmitted back to the spectrometer via the fibre optic

The Remote Display Screen displays real time protein and moisture data in either tabular form or as a "On the go" paddock map. Data is stored on board for uploading to a PC for developing more sophisticated paddock maps.

protein, oil and moisture are calculated.

cable, where the NIR spectrum is generated and the percent



Australian designed and manufactured

Features	Benefits
NIR Transmission Technology	Same NIR technology as used throughout world grain trade
Remote Display Module	Provides real time data and displays plus data storage
Broad Spectral Range, 720-1100nm	Multiple constituent analysis
	Optimum calibration development
	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
RS232 Serial and USB Port	Provides a convenient method of uploading stored data
	to a PC or to download calibrations to the instrument
Rugged Industrial Enclosure	Suitable for in field and at line use
	Dust proof
Specifications	
Scan Range	720-1100nm
Pixels	38
Analysis Speed	6-10 seconds per analysis
Power	110/240VAC, 19VDC
Physical	NIR Spectrometer 9Kg, 200mm(W) x300mm(D) x120mm(H) Sampling Head 5Kg, 250mm(W)x350mm(D)x100mm(H)



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