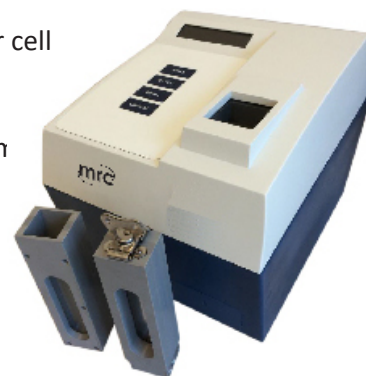# Series NIR-MS-1000 Analysers

The Series NIR-MS-1000 Analysers are a range of Near Infrared Transmission analysers designed for specific end user applications, i.e., Alcohol Analyser, Moisture Analyser and Fat and Moisture Analyser. The NIR-MS-1000 Analysers scan from 720 to 1100nm using a diode array spectrometer but with different sampling systems to suit different applications.

- The NIR-MS-1000 Alcohol Analyser uses a flow through cell and a peristaltic pump to fill & empty samples of wine, beer and other alcoholic beverages.
- The NIR-MS-1000 Moisture Analyser uses a 5mm thick powder cell for measuring moisture in homogeneous samples such as ground grains, flour, chemicals, powders
- The NIR-MS-1000 Fat and Moisture Analyser also uses the 5mm thick powder cell but measures two components simultaneously.

The NIR-MS-1000 Analysers are simple to operate and include an Auto-calibration function. NTAS software is available for calibration development.

Australian designed and manufactured

Features	Benefits
Near Infrared Transmission technology	Suitable for liquids, powders and pastes
Four Button Keypad	Simple to use
Built-in Auto-calibration Software	Calibration adjustments can be performed using a single test sample
Flow Thru Cell with thermistor for NIR-MS-1000 Alcohol Analyser	Measures and corrects results for temperature variation
Selection of Sample Cells	Cells for powders, granules, slurries and liquids
Specifications	
Scan Range	820-980nm
Pixels	16
Scan Speed	2-4 seconds
Power	110/240VAC, 18VDC
Weight and Dimensions	6Kg, 330mm(W) x 270mm(D) x 200mm(H)
Applications	
Beverages	Alcohol
Flour, ground grains, chemicals, powders	Moisture
Butter, mayonnaise, cream cheese, yogurt	Fat and Moisture

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