



Benchmark
Scientific



IAS Global Pte. Ltd.



PORTABLE NIR ANALYZER

IAS-6100

Multi-Scenario Adaptability with Just One IAS-6100

The IAS-6100 is versatile enough for various settings such as off-ices, workshops, production sites, laboratories, and fields. It enables anyone to perform multi-component analysis of a test subject with the simple press of a button, anytime and anywhere.



One-Minute Multi-Component Analysis, Continuous Verification

This instrument utilizes advanced digital exposure spectroscopy technology, delivering exceptional sensitivity and precision in a compact, integrated design. Results can be obtained non-destructively within one minute, avoiding the costly repercussions of rework and human error, thus saving valuable resources.

Versatile Sample Analysis Without Limitation

The IAS-6100 is capable of qualitative and quantitative analysis of various sample forms including small particles, powders, pastes, and liquids. Users can select the appropriate sampling accessory based on their specific needs. Its powerful functionality and ease of use allow you to focus more on the essential tasks.

Always Trustworthy



Call : 0422 - 4765799, +91 98404 37114, +91 63850 97807

Head Office : No. 105B, Valluvar Street, Sivanandha Colony, Tatabad, Coimbatore - 641012.

E-Mail : bmscbe9@gmail.com, Website : www.benchmarkscientific.com



| Applications

Feed Industry 	Detection of moisture, protein, ash, and other indexes in rice bran, rice bran meal, and soybean meal.
Food Industry 	Moisture analysis in surimi, and detection of ammonia nitrogen, total acid, and reducing sugars in soybean paste.
Flour Industry 	Detection of moisture, ash, protein, gluten, and water absorption rate in flour.
Chinese Baijiu Industry 	Detection of moisture, starch, and acidity in fermented grains.
Palm Industry 	Detection of free fatty acids, moisture, DOBI (Deterioration of Bleachability Index), and oil content in crude palm oil, palm kernels, palm kernel cake, and production waste liquids.

| Sampling Accessories

Accessory	Usage Illustration	Application Scope
 Small Sample Cell		*Suitable for small sample volume scenarios (e.g., herbal powder) and liquid collection (e.g., milk, soy milk, syrup).
 Medium Sample Cell		*Suitable for small granular (e.g., feed pellets) or powdered samples (e.g., flour, rice bran, rice bran meal).
 Large Sample Cell		*Suitable for powdered or granular samples, and can also be used for grass testing (in conjunction with a pellet press).

| Product Technical Parameters

Parameters	Specification	Parameters	Specification
Wavelength range (NIR)	950-1650nm	Dimensions	L:265mm/W:340.5mm/H:262.3mm
Light source type	Halogen-Tungsten lamp	Weight	9Kg
Operational /Storage temperature	5-45°C/-20-60°C	Display	7-inch Touch Screen

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