



IAS-3120

Portable NIR Analyzer

Multi-Scenario Adaptability with Just One IAS-3120

The IAS-3120 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-3120 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

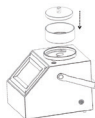


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Applications

 Feed Industry	Testing for protein, fat, moisture, fiber, ash, etc., in feed raw materials and finished products
 Flour Industry	Testing for moisture, ash, protein, gluten, water absorption, etc., in flour
 Fermentation Industry	Testing for acid production, reducing sugars, etc., in citric acid fermentation broth filtrate
 Liquor Industry	Testing for moisture, starch, acidity, reducing sugars, alcohol content, etc., in incoming and outgoing fermented grain and distiller's yeast
 Food Industry	Testing for moisture in surimi, ammoniacal nitrogen, total acid, reducing sugars, etc., in bean paste sauce

Sampling Accessories

Accessory	Usage Illustration	Application Scope
 Small Sample Cell		*Suitable for collecting transparent liquid samples like peanut oil, lubricant oil, etc. *Suitable for collecting turbid liquid samples like milk
 Medium Sample Cell		*Suitable for collecting powder samples like rice bran, rice bran meal, etc.
 Large Sample Cell		*Suitable for collecting fluffy samples like grass, etc., can be used with a press accessory *Suitable for collecting larger volume samples

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