



IAS-6100

Portable NIR Analyzer

All-in-one

Precision Palm Oil Analysis in **2 minutes**

Models



Parameters



Product Highlights

- Free portable rechargeable battery
- Free network card
- Free 3-in-1 touchpad / Built-in USB thumb drive / Pen
- Optional portable printer
- Touchscreen feature
- No annual subscription fee
- ROI in a few months
- Auto self-check and self-wavelength calibration



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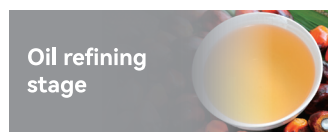


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Applicable Scenarios



Model Indicator Details (Partial)

Crude Palm Oil				
Parameters	Sample Size	Range	R ²	SECV
FFA	200	2.6%-4.3%	0.87	0.13
Moisture	200	0.1%-0.67%	0.81	0.032
DOBI	200	1.1-2.6	0.72	0.098

Pressed Fiber				
Parameters	Sample Size	Range	R ²	SECV
Moisture	200	32%-50%	0.75	1.6
Oil	200	2.7%-5.5%	0.66	0.32

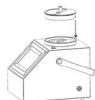
Kernel				
Parameters	Sample Size	Range	R ²	SECV
Moisture	201	1.9%-19.9%	0.975	0.58

EFB				
Parameters	Sample Size	Range	R ²	SECV
Moisture	200	36%-74%	0.94	2
Oil	200	0%-6.4%	0.94	0.4

Sludge				
Parameters	Sample Size	Range	R ²	SECV
Moisture	200	93%-97.5%	0.93	0.2
Oil	200	0.1%-1.7%	0.86	0.145

SpinCo				
Parameters	Sample Size	Range	R ²	SECV
Moisture	200	0%-44%	0.9	2.74

Sampling Accessories

Accessory	Usage Illustration	Application Scope
 Small Sample Cell		*Suitable for small sample volume scenarios and liquid collection.
 Medium Sample Cell		* Suitable for small granular or powdered samples.
 Large Sample Cell		*Suitable for powdered or granular samples, and can also be used for grass.

Product Technical Parameters

Parameters	Specification
Wavelength range (NIR)	950-1650nm
Light source type	Halogen-Tungsten lamp
Operational /Storage temperature	5-45°C/-20-60°C

Parameters	Specification
Dimensions	L: 265mm/W: 340.5mm/H: 262.3mm
Weight	9Kg
Display	7-inch Touch Screen