

Perten (PerkinElmer) focus on

Platinum 21 Years The business registration information has been verified.

Main business: Near-infrared spectrometer, food quality testing equipment, grinding machine, milk a...

400-099-7952

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New Product Launch | DA 7430M Single Moisture Analyzer Online Near Infrared Analyzer is now available!

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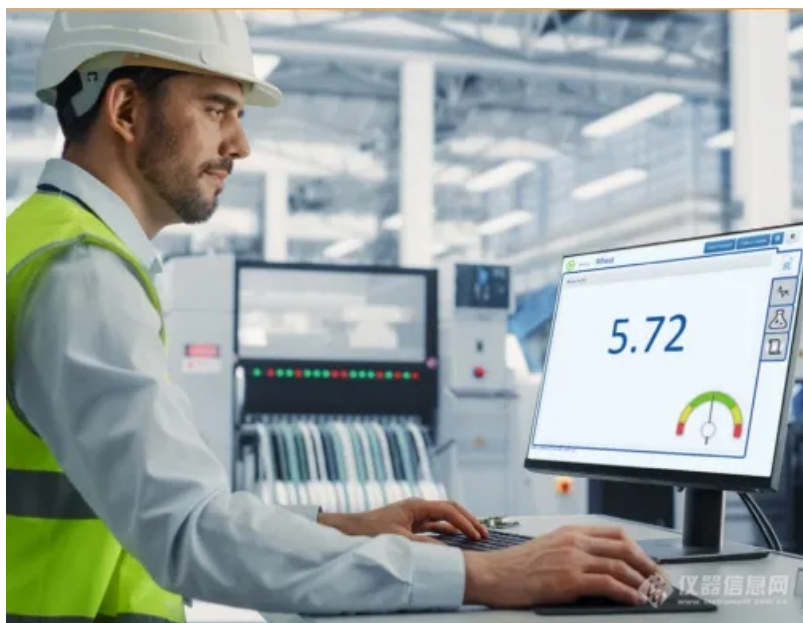
The DA 7430M single-moisture online near-infrared analyzer is a high-efficiency and accurate online near-infrared analyzer specifically designed by Perten for the field of moisture detection. With its superior performance, cost-effectiveness, and stable reliability, the instrument is widely applicable to various industries and application scenarios, providing users with accurate moisture detection solutions.

Moisture
Detection

automatic
control

System
Integratio
n

0 **Designed specifically for moisture detection**



High cost-performance ratio

The DA 7430M is an online near-infrared analyzer specifically designed for moisture detection, offering superior cost-effectiveness compared to multi-functional parameter detection instruments. It is particularly suitable for applications requiring only moisture detection, providing users with an efficient and accurate solution.



Perten (PerkinElmer)

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The DA 7430M single-moisture online near-infrared analyzer not only boasts excellent detection performance but also maintains outstanding accuracy and stability. Whether for quality control in the production process or moisture management in product development, the DA 7430M provides accurate and timely moisture data, helping users achieve higher product quality and production efficiency.



专注于水分检测



更高的精度和稳定性

0*

Technical Highlights



Advanced near-infrared analysis technology : ensures the accuracy and reliability of moisture detection, bringing users an efficient and precise detection experience.

Automatic wavelength calibration: It adopts an advanced xenon lamp as the wavelength calibration light source and a built-in standard plate to achieve accurate reference calibration of wavelength and absorbance across the entire wavelength band.

Widely applicable : It can detect the moisture content of various solid (granular, powdery) and liquid (transparent or with suspended particles) materials.

Large spot detection : The spot area is large (diameter greater than 10cm), which is particularly suitable for detecting non-uniform samples.

High-speed acquisition : High-speed spectral data acquisition capability of >30 times/second ensures rapid measurement and high sensitivity.

Multiple installation scenarios: It can be installed on various equipment such as chutes, scraper conveyors, screw conveyors, mixers, and belt conveyors to meet diverse user needs.

Harsh Environment Operation: Designed specifically for harsh production environments, it supports 24-hour continuous operation, fearlessly facing challenges, and boasts an IP67 protection rating.

Stable and reliable : The instrument is designed with a low failure rate, has self-diagnostic functions, is easy to maintain, and has a long lifespan for the light source.

Harsh Environment Operation: Designed specifically for harsh production environments, supporting 24-hour operation.

02

Instrument advantages



Non-contact detection

Unaffected by sample morphology, it is particularly suitable for the detection of non-uniform, large-particle samples.

Easy to install and maintain

The optical system employs a multi-stage slit design, and its fully enclosed structure effectively eliminates stray light and environmental influences, requiring virtually no cleaning.

Diverse data transmission methods

Supports seamless connection with various control systems, enabling the integration and transmission of continuous detection data.

Modern integrated design

It integrates the light source, optical system, beam splitting system, computing processing system, and communication system into one unit, avoiding signal loss during long fiber optic transmission.

Supports multi-user access on a local area network, is easy to operate, and improves work efficiency.

System Integration and Communication

The DA 7430M single-water online near-infrared analyzer supports multiple communication protocols such as OPC, Ethernet, Modbus TCP/IP, 4-20mA analog input, and Profibus, enabling easy integration with central control systems for automated control.

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Applicable industries



Oil and fat industry ▲

Moisture content analysis of major oilseed raw materials such as soybeans, peanuts, cottonseed, rapeseed, sesame, rice bran, and wheat germ, and their corresponding oilseed meals.

food industry ▲

Moisture testing of snack foods, functional foods, meat products, etc.

corn starch industry ▲

Moisture content of corn starch, corn gluten meal, corn bran meal, corn germ and corresponding intermediates

Feed and pet food industry ▲

Moisture content testing of feed ingredients, complete feed, premixed feed, pet food, etc.

Tobacco Industry ▲

Moisture testing of raw tobacco, re-dried tobacco leaves, shredded tobacco, cigarettes, and other products

Other industries ▲

Such as timber, medicinal herbs, and other industries that require moisture testing.



We cordially invite you to join our new product experience event! Whether you win a trial opportunity through online Q&A or contact us directly to arrange an on-site demonstration, we are dedicated to ensuring you experience the remarkable changes brought by the DA 7430M Single Water Analyzer Online Near Infrared Analyzer. We look forward to witnessing this exciting moment with you!

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Ask the seller

Perten is a brand from which country?

Does Perten have any offices?

What are Perten's main products?

Where is Perten's address?

What is the unknown sales phone number for Perten?

Latest news

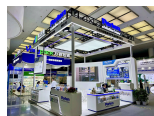
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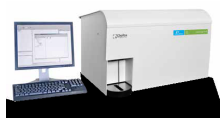


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Manufacturers

2025.06.05

Recommended Products



Fourier transform type
mid-infrared wine...

Boton RVA4500 Rapid
Viscosity Analyzer

Boton RVA4800 Rapid
Viscosity Analyzer

Wavecom FN1000
Landing Numerical...



Boton RVA 4800 rapid
viscometer



Disc-type experimental
pulverizer



DA 7430M Single
Moisture Analyzer...



Boton Fully Automated
Powder Analyzer...

Recommended Products supplied

Products

DA 7430M Single Moi...	LactoScope 300™ FT-I...	Wave-through hammer ...	Botong RVA-TecMaste...
Boton RVA4500 Rapid ...	Perten FT-B Multifunct...	Boton RVA4800 Rapid ...	IM9520 Flour-Specific ...
Portable Boton Soy Pro...	Botong DA7250 Near I...	BROUNT 9500 Plus M...	Wavecom FN1000 Lan...
Delta FT-A Multifuncti...	Boton GM2000 Gluten ...	Wave-through hammer ...	Boton RVA 4800 rapid ...
Boton AM5200 Rapid ...	Disc-type experimental ...	Boton Fully Automated...	Fourier transform type ...

Mobile version: [New Product Launch | DA 7430M Single Moisture Analyzer Online Near Infrared Analyzer is now available!](#)

Contact

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Main products: Near-infrared spectrometer Food quality testing grinder Milk Analyzer Wine and Beverage Analyzer
Gluten tester

Friendly Links: Perten English website Perten Wave

Instrument Information Network APP

Booth Mobile Site

