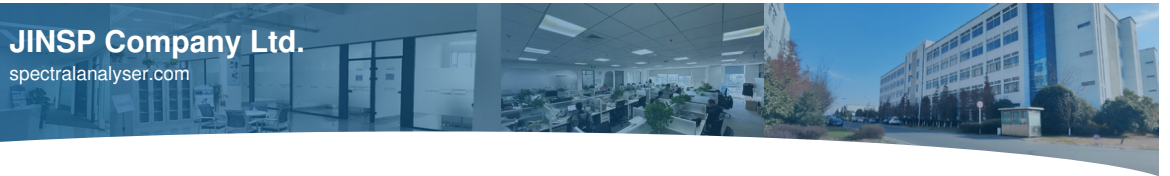




JINSP Company Ltd.
spectralanalyser.com



Intelligent Benchtop FTIR Spectroscopy Machine Fourier Transform Infrared Spectrometer

Our Product Introduction

for more products please visit us on spectralanalyser.com

Basic Information

- Place of Origin: CHINA
- Brand Name: JINSP
- Certification: CE ISO9001
- Model Number: IT2000
- Minimum Order Quantity: 1
- Price: Negotiable
- Packaging Details: Customized Packaging
- Delivery Time: 90-120 working days
- Payment Terms: T/T
- Supply Ability: 10PCS/90-120 days



Product Specification

- Spectral Range: 5000-500 cm^{-1}
- Screen: 10.5-inch Capacitive Touch Screen Displays Results Clearly
- Spectral Resolution: 2 cm^{-1}
- Connection Interface: USB, WiFi, Bluetooth
- Highlight: **Intelligent Benchtop FTIR, Intelligent FTIR Spectroscopy Machine, ISO9001 FTIR Spectroscopy Machine**



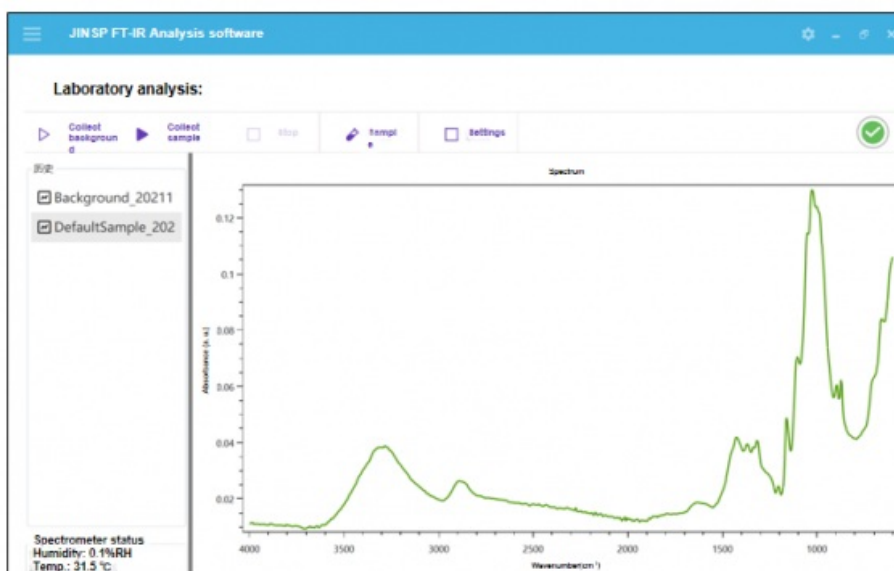
Product Description

IT2000 Fourier transform infrared spectrometer

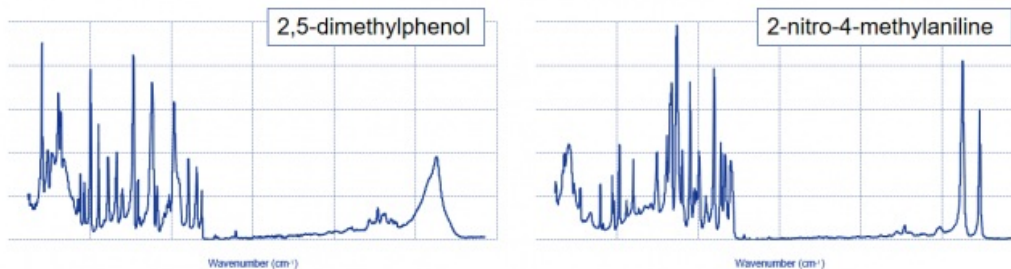
JINSP® IT2000 employs fourier transform infrared spectroscopy (FT-IR) technology, coupled with intelligent algorithms and a rich spectral library, enabling fast and accurate detection of unknown substances and quantitative analysis of mixture components. Using permanently aligned solid-angle mirrors combined with a high-performance DLaTGS detector ensures the generation of high-quality data, making it suitable for applications in basic education and research fields.



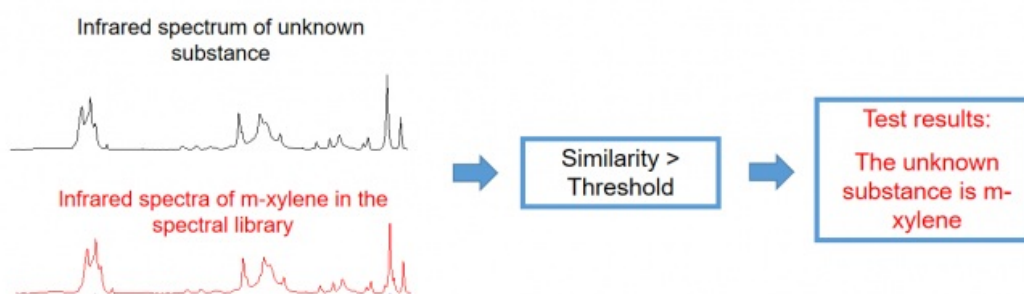
IT2000 features an integrated touchscreen computer, providing a robust and durable design for easy mobility. The operation is simple, and it comes with intelligent operating software, making it convenient for basic scientific research and quality control applications.



Typical Applications



- Research Applications: Qualitative analysis of compounds and molecular structures, such as ethanol, 2,5-dimethylphenol, 2-nitro-4-methylaniline, etc.
- Pharmaceutical Quality Control: Authentication and detection of adulteration in traditional Chinese medicinal materials, such as Codonopsis and Adenosmae, Astragalus and Sophora root, Angelica and European Angelica, etc.



- Criminal Investigation: Component detection of drugs and explosives, such as TNT, etc.
- Jewelry and Gemstones: Internal structure inspection of jewelry and gemstones, to identify authenticity, such as distinguishing between nephrite and Hetian jade.
- Petrochemical Industry: Analysis of oil properties, such as analysis of changes in various components in lubricating oil.



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