JINSP IT2000 Desktop FTIR Spectrometer Portable and Durable with Advanced Touchscreen Computer

Our Product Introduction

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
- Spectral Resolution: 2 Cm-1
- Detector: DLaTGS
- Power Supply: 100-240 VAC, 50/60 Hz
- Highlight: **portable ftir spectrometer**, **Durable FTIR Spectrometer**, **FTIR Spectrometer with Touchscreen Computer**

Our Product Introduction

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Product Description

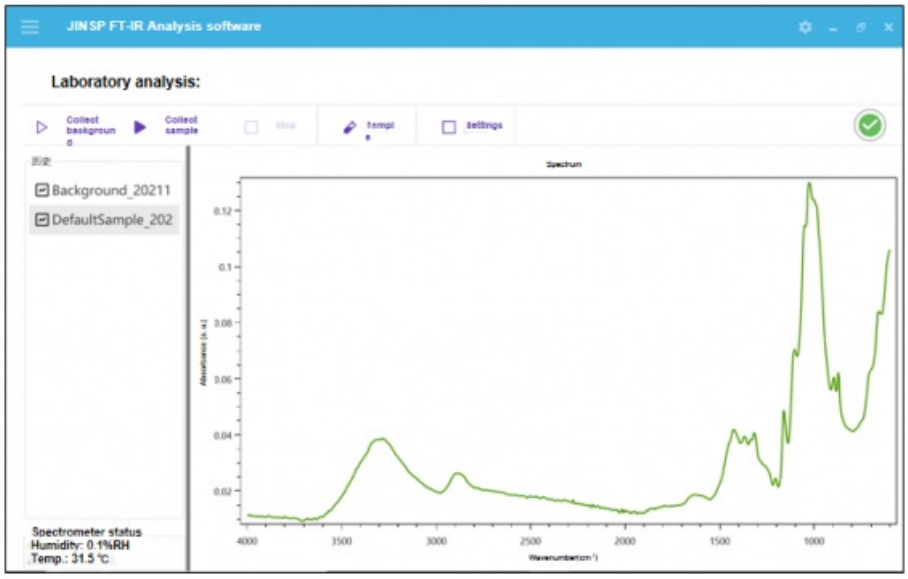
IT2000 Fourier transform infrared spectrometer

JINSP IT2000 adopts Fourier Transform Infrared Spectroscopy (FT-IR),combined with intelligent algorithms and rich spectral libraries,can quickly and accurately detect unknown substances,quantitatively analyze mixture components,and help users solve many analysis problems.The permanently collimated cube-corner technology combined with the high-performance DlaTGS detector ensures high-quality data generation for basic teaching and research applications.

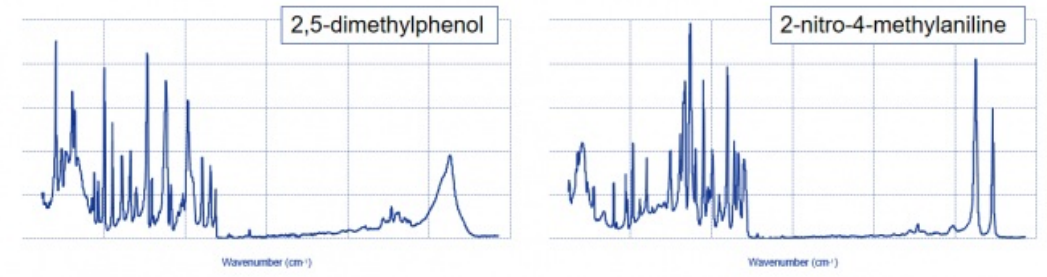
IT2000 features an integrated touchscreen computer , providing a robust and durable design for easy mobility. The operation is simple , and it comes with intelligent operating software, making it convenient for basic scientific research and quality control applications.

Technical highlights

• High resolution up to 2 cm-1 . providing more accurate substance information and precise detection results.
• Wide spectral range, reaching 500 cm-1 in the low wavenumber range, offering richer substance information.
• High intelligence, automatically analyzing complex mixtures. Smooth touchscreen operation with an intuitive software interface.
• Simple operation, capable of directly detecting solid, powder, and liquid samples without the need for sample preparation.
• Multiple networking options for timely backup of detection results.

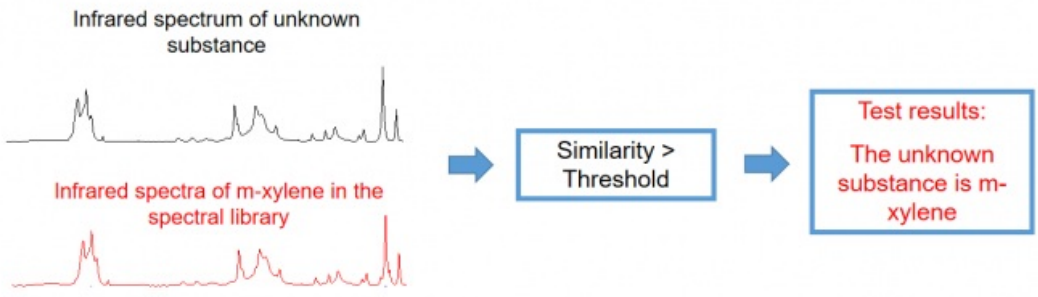


Typical Applications



• 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.

FAQ:

Q1: This is the first time I use it, is it easy to operate?
A1:We will send you a manual and guide video in English, it can teach you how to operate the spectrometer. Also, our technicians will offer professional technical operation meetings.

Q2: Can you offer an operation training?
A2: Your technicians can come to our factory for training. Jinsp engineers can go to your place for local support (installation, training,

debugging, maintenance).

Q3: How to receive the best price in the shortest time?
A3: When you send us an inquiry, please kindly offer details with wavelength, detector, effective pixels, focal length, and so on. We will send you a quotation with details soon to your email.

Q4:If the spectrometer has a problem in my place, what could I do?
A4: The spectrometer has a one-year warranty. If it breaks down, our technician will figure out what the problem maybe, according to the client's feedback. We can repair for free within one year warranty.

Q5: What about quality assurance?
A5:We have a quality inspection team. All goods will go through quality inspection before shipment. We can send you pictures for inspection.

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