

Advanced Touchscreen Computer JINSP IT2000 Desktop FTIR Spectrometer with 10.5-inch Screen and 50/60 Hz Power Supply

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}
- Spectral Resolution: 2 cm^{-1}
- Screen: 10.5-inch Capacitive Touch Screen Displays Results Clearly
- Connection Interface: USB, WiFi, Bluetooth
- Detector: DLaTGS
- Power Supply: 100-240 VAC, 50/60 Hz
- Highlight: **ftir spectrometer manufacturers, 10.5-inch Screen FTIR Spectrometer, Touchscreen Desktop FTIR Spectrometer**



Product Description

IT2000 Fourier transform infrared spectrometer

JINSP® IT2000 harnesses the power of Fourier Transform Infrared Spectroscopy (FT-IR) technology, integrating it with intelligent algorithms and a comprehensive spectral library. This advanced combination allows for rapid and precise identification of unknown substances as well as the quantitative analysis of various components within mixtures. The instrument's design incorporates permanently aligned solid-angle mirrors, which work in tandem with a high-performance Deuterated L-Alanine doped Tri-Glycine Sulfate (DLATGS) detector. This synergy ensures the production of high-quality data, which is crucial for accurate analysis. Consequently, JINSP® IT2000 is not only efficient for identifying unknown materials but also proves to be an invaluable tool for quantitative analysis of mixtures. Its reliability and precision make it an ideal choice for applications in fundamental education and cutting-edge research fields, where the generation of high-quality data is paramount.



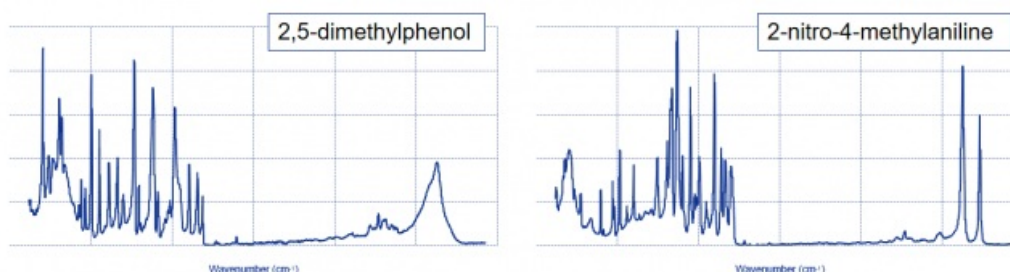
IT2000 features an integrated touchscreen computer, providing a robust and durable design for easy mobility. The operation is simple, and it comes with intelligent operating software, making it convenient for basic scientific research and quality control applications.

Technical highlights

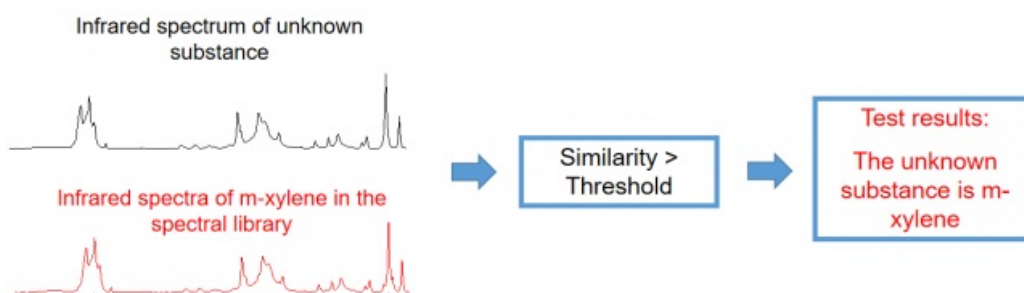
- High resolution up to 2 cm^{-1} , providing more accurate substance information and precise detection results.
- Wide spectral range, reaching 500 cm^{-1} in the low wavenumber range, offering richer substance information.
- High intelligence, automatically analyzing complex mixtures. Smooth touchscreen 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.



JINSP

JINSP Company Ltd.



8618620854039



phoebeyu@jinsptech.com



spectralanalyser.com

21st Floor, Building D, Tsinghua Tongfang Science and Technology Plaza, Haidian District, Beijing China