

Multiple Industries RS2600 Multi Gas Analyzer Quick Analysis

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: RS2600
- Minimum Order Quantity: 1
- Price: Negotiable
- Packaging Details: Customized Packaging
- Delivery Time: 90-120 working days
- Payment Terms: T/T, Western Union
- Supply Ability: 5PCS/90-120 days



Product Specification

- Laser Excitation Wavelength: $532 \pm 0.5 \text{ Nm}$
- Spectral Coverage: $200 \sim 4200 \text{ Cm}^{-1}$
- Analysis Time: 2 Seconds
- Weight: 40 Kg
- Model Name: RS2600 Multi-gas Analyzer
- Metallurgical Industry: N_2 , H_2 , O_2 , CO_2 , CO , Etc.
- Highlight: **Multiple Industries Multi Gas Analyzer, Multiple Industries multi gas analyser, Multi Gas Analyzer Quick Analysis**



Product Description

Gas Analysis for Multiple Industries RS2600 Multi-gas Analyzer

JINSP® RS2600 multi-gas analyzer is based on Raman spectroscopy and can detect all gases except noble gases, enabling simultaneous online analysis of multiple gases including:

- * Petrochemical industry: alkane, alkene and alkyne gases such as CH₄, C₂H₆, C₃H₈, C₂H₄, etc.
- * Fluorine chemical industry: corrosive gases such as F₂, BF₃, PF₅, Cl₂, HCl, HF, etc.
- * Metallurgical industry: N₂, H₂, O₂, CO₂, CO, etc.

Specifications

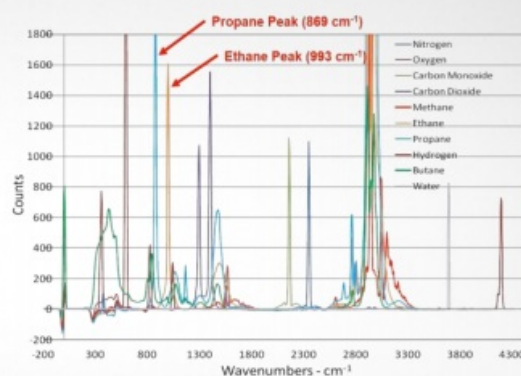
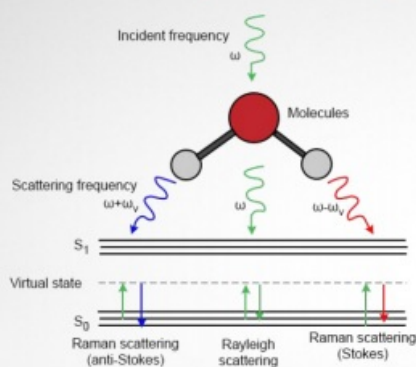
Components	N ₂ , H ₂ , O ₂ , CO, CO ₂ , H ₂ S, CmHn, etc.
Analysis time	2 seconds
Measurement uncertainty	≤0.2%
Laser excitation wavelength	532 ± 0.5 nm
Spectral coverage	200 ~ 4200 cm ⁻¹
Spectral resolution	≤8 cm ⁻¹ at full spectral range
Air circuit interface	6 mm standard tube fitting (3 mm, 1/8", and 1/4" are optional)
Input voltage	100~240 VAC, 50~60 Hz
Sample gas temperature	-50 ~ 40 °C
Sample gas pressure	1.0 MPa
Unit dimensions	485 mm (Width) × 350 mm (Height) × 600 mm (Depth)
Weight	40 kg

Technical highlights

- * Non-destructive gas analysis: Analytes including homonuclear diatomic gases (F₂, Cl₂, etc.) and isotopic gases (H₂, D₂, T₂, etc.)
- * Short detection time: Data acquired in seconds
- * Minimal maintenance: Resistance to high pressure, direct detection without consumables (chromatographic column or carrier gas)
- * Wide detection range: LOD at ppm level, detection range up to 100%

Application: 1. Monitoring of F₂, N₂, HF and other components in the fluorination process

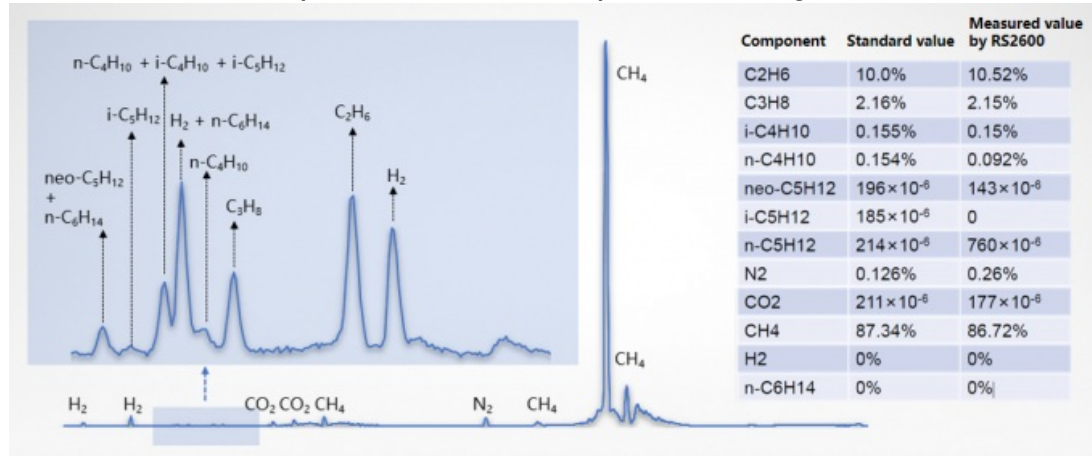
Powerful analytical technique for ALL molecules



- * Different chemical substances have their **unique Raman spectra**
- * Qualitative analysis based on characteristic peak positions (wave numbers)
- * Quantitative analysis based on characteristic peak intensity

2.Quantitative analysis of different Elements in Petrochemical Natural Gas

Effective identification and quantification of various components in natural gas mixtures within 2 seconds



3.Field of application



Natural gas industry



Fluorine chemical industry



Metallurgical industry



Electronic special gas



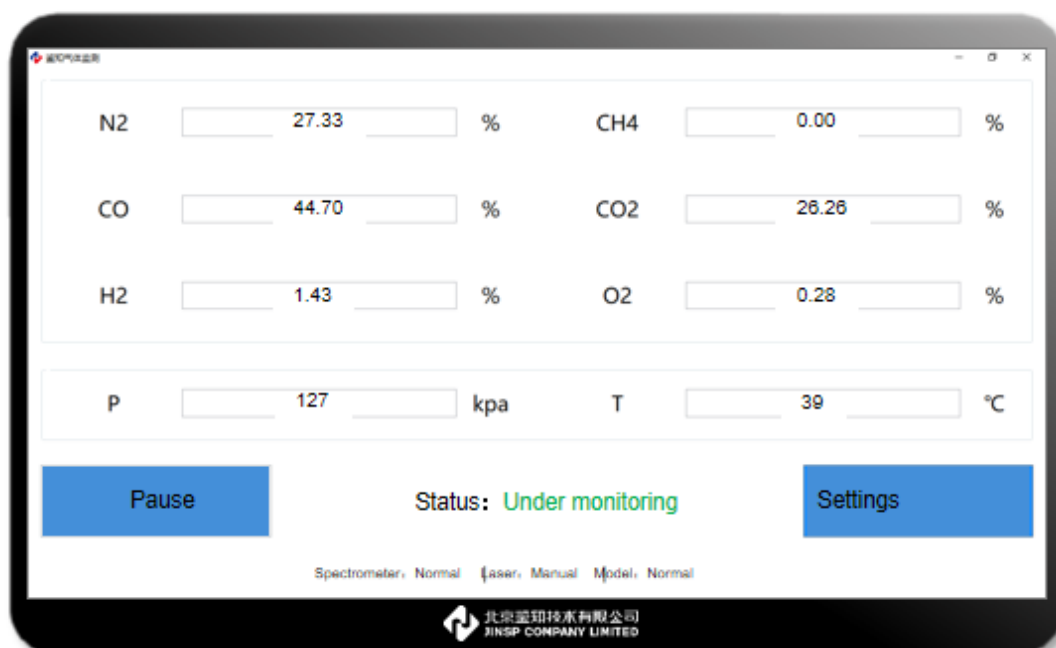
Coal chemical industry



Pharmaceutical chemical industry

Gas Analyzer Features

- 1.Quantitative model of multiple standard curves,combined with the chemometric method, establishes the relationship between the spectral signal and the content of multi-component substances.
- 2.Changes in sample gas pressure and test conditions do not affect the accuracy of quantitative results

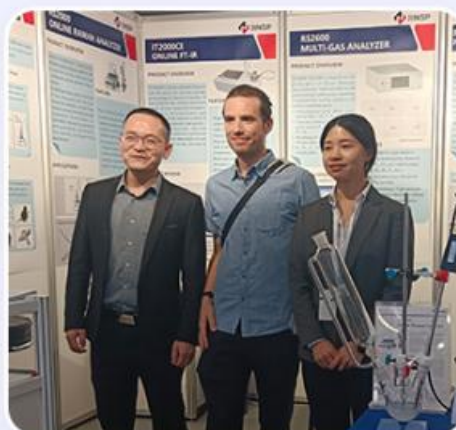


JINSP Company Limited originates from Tsinghua University and has 17 years of experiences in developing spectroscopic technology.As a leading supplier of spectroscopic technology,JINSP Technology offers over twenty spectroscopic products across various fields, including pharmaceutical and chemical industries, public security and customs.

Company Profile



Exhibition



Certifications



FAQ

Q1:This is the first time I use,is it easy to operate?

A1:We will send you manual and guide vedio in English,it can teach you how to operate the spectrometer.Also our technicians will offer professional tecnical opearation meetings.

Q2:Can you offer a operation training?

A2:Your technicians can come to our factory for a training. Jinsp technical engineers can go to your place for local support. (installation, training,debugging,maintenance)

Q3:How to receive a 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 quotation with details soon to your email.

Q4:If the spectrometer has problem in my place,how could I do?

A4:The spectrometer has one year warranty.If it breaks down,our technician will figure out what the problem maybe,according to client's feedback.We can repair for free within one year warranty.



JINSP Company Ltd.



8618620854039



phoebeyu@jinsptech.com



spectralanalyser.com

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