

## Single Channel Liquid Analyzer Online Analysis Of Chemical Product Production Process

Our Product Introduction

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### Basic Information

- Place of Origin: CHINA
- Brand Name: JINSP
- Certification: CE
- Model Number: RS2000PAT
- Minimum Order Quantity: 1
- Price: Please contact our sales Rep
- Packaging Details: Carton Packing
- Delivery Time: 90-150 WORKING DAYS
- Payment Terms: L/C
- Supply Ability: 10PCS/90-150 days



### Product Specification

- Number Of Detection Channels: Single Channel
- Chamber Dimension: 600 Mm width × 400 Mm depth × 900 Mm height
- Device Dimension: 900 Mm width × 400 Mm depth × 1300 Mm height
- Operating Temperature: -20 ~ 50
- Explosion Protection Rating (Main Unit): Ex Db Eb Ib Pzc C T4 Gc / Ex Ib Pzc Tb C T130°C Dcg
- Probe: One Standard 5 M Non-immersed Fiber Optic Probe (PR100)
- Highlight: **Liquid Analyzer Online Analysis, Online Analysis liquid analyser, Single Channel Liquid Analyzer**

## Product Description

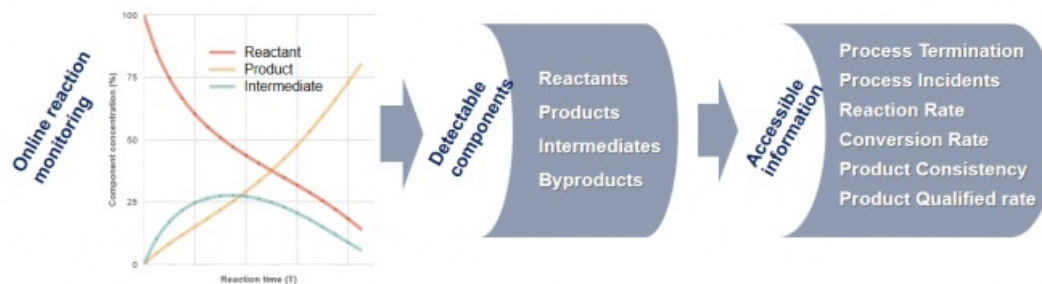
Liquid Analyzer online analysis of chemical product production processes



JINSP® RS2000PAT Industrial explosion-proof design, can be used for online analysis of chemical product production processes, suitable for continuous flow reactors and batch reactors. The production processes in chemical, pharmaceutical, and materials engineering require continuous analysis and monitoring of components. JINSP provides on-site, online monitoring solutions for production, enabling in-situ, real-time, continuous, and rapid online monitoring of the content of various components in reactions. This helps to determine the reaction endpoint and to indicate abnormalities in the reaction.

## Technical Highlights

- \* In situ: No sampling required, avoiding contact with hazardous samples
- \* Real-time results: results provided within seconds
- \* Continuous monitoring: continuous monitoring throughout the entire process
- \* Intelligent: Automatically provide analytical results
- \* Internet connectivity: timely feedback of results to the central control system



## Typical Applications

### 1. Monitoring of Extreme Conditions in Chemical Reactions/Biological Processes

Under extreme conditions such as strong acids or bases, high temperatures and pressures, strong corrosiveness, and highly toxic reactions, conventional analytical methods face challenges in sampling, and analytical instruments may be unable to withstand the reactivity of samples. In such scenarios, online monitoring optical probes, designed specifically for compatibility with extreme reaction environments, stand as the unique solution.

Typical Users: Production personnel involved in extreme condition chemical reactions from new materials enterprises, chemical companies, and research institutions.



### 2. Chemical Reactions/Biological Processes Require Timely Intervention in Case of Anomalies or Reaction Endpoints.

In processes such as biological fermentation and enzyme-catalyzed reactions, the activity of cells and enzymes is easily influenced by relevant components in the system. Therefore, real-time monitoring of abnormal content of these components and timely intervention are crucial for maintaining efficient reactions. Online monitoring can provide real-time information about the components.

Typical Users: Research and production personnel in biotechnology companies, pharmaceutical/chemical enterprises involved in enzyme-catalyzed reactions, as well as peptide and protein drug synthesis enterprises



### 3. Product quality/Consistency Control in Large-Scale Production

In the large-scale production of chemical/biochemical processes, ensuring the consistency of product quality requires batch-by-batch or real-time analysis and testing of reaction products. Online monitoring technology can automatically check the quality control of 100% of batches due to its speed and continuity advantages. In contrast, offline detection techniques, frequently depend on sampling inspections, which exposes non-sampled products to potential quality risks as a consequence of their intricate procedures and delayed outcomes.

Typical Users: Process production personnel in pharmaceutical and biopharmaceutical companies; production personnel in new materials and chemical enterprises





# Company Profile



# Certifications



## FAQ

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

A1: We will send you 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 a operation training?

A2:Your technicians can come to our factory for a training. Jinsp 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.

Q5:Which payment can be acceptable ?

A5:We could accept the payment by T/T, Paypal, Western Union,L/C, etc.



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