



JINSP COMPANY LIMITED

JINSP Company Limited is

a professional supplier with over 17 years of experience in spectroscopic technology products, including Raman, FT-IR, LIBS technologies etc.

JINSP offers over twenty spectroscopic products across various fields, including pharmaceutical and chemical industries, public security and customs. Products are available nationwide and are exported to over 30 countries, with cumulative sales exceeding 3,000 units.



Over 17 years of independent innovation

We have developed over twenty spectral technology products



Over 30 R&D
engineers, including
4 Ph.D.



- Fiber optic spectrometers
- Raman & FT-IR analyzers
- Handheld identifiers
- OCT



HQ: Beijing, China
Factory: Jiangsu, China

Culture

Driven by user needs and committed to independent innovation

Mission

We create value with actions



Vision

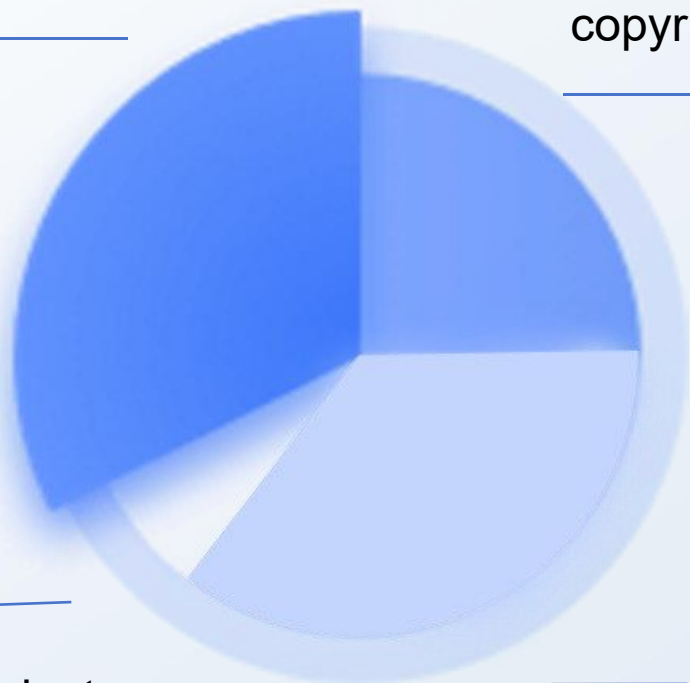
Based on scientific management standards, we are committed to using spectrum technology to provide real value to users

Values

Customer first, pursuing excellence
collaborative sharing

200+ patents

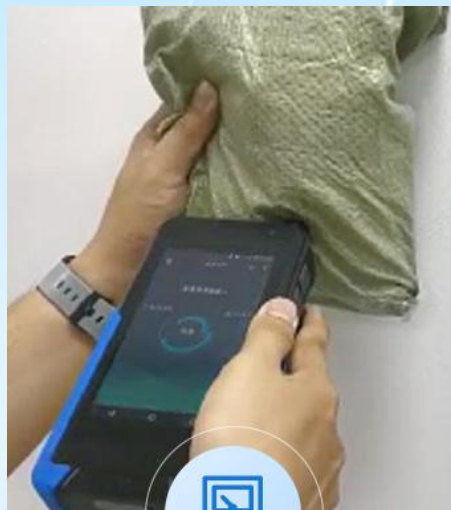
30+ Software copyrights



One industry standard

Two national standards





On-site detection analyzers

Drugs
(RS1000DI/RS1500DI)
Narcotics/Explosives
(RS1000/RS1500)
Elements
(LB1000S)



Laboratory analytical instruments

Liquid online Raman
(RS2000/RS2100)
Gas Online Raman
(RS2600/RS2610)
Liquid online infrared
(IT2000CE)



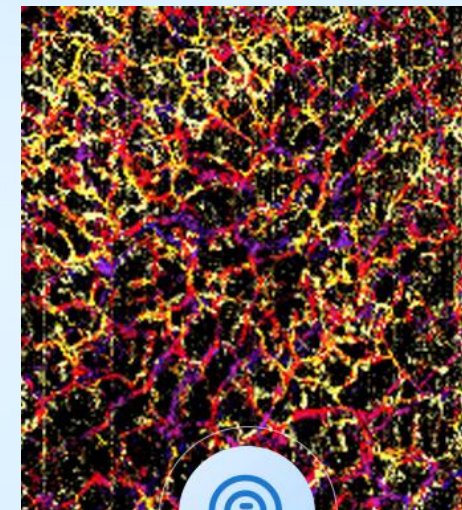
Industrial analytical instruments

Liquid online analyzer
(RS2000PAT/RS2100PAT)
Gas online analyzer
(RS2600PAT)
Probes and flow cells
(PR series/FC series)



Fiber optic spectrometers

Miniature Type
(SR50C/SR75C)
High sensitivity Type
(SR100Z/SR100Q/SR150S)
High-throughput transmission
(ST90S/ST100S/ST50S)



OCT

OCT spectrometer
(ST830E)

1. On-Site Rapid Detection Analyzers



Description	Drugs rapid identification		Narcotics/Explosives rapid detection		LIBS elemental analyzer
Application Scenarios	Rapid identification of raw materials and excipients of chemical drugs and biochemical drugs		Rapid identification of drugs, precursor chemicals, explosives, and hazardous chemicals		Mineral exploration; Recycled metal recovery; Utilization of recycled metals
Model	RS1000DI	RS1500DI	RS1000	RS1500	LB1000S
Features	High cost performance	High applicability	High cost performance	High applicability	High applicability
Application Areas	Pharmaceutical companies		Public security/customs		Industry

Handheld Raman analyzers



**RS1000
RS1000DI**



**RS1500
RS1500DI**

Handheld LIBS Element Analyzer



10 kinds of metal substrates: copper, iron, aluminum, magnesium, nickel, titanium, gold, silver, platinum, and palladium.

Aluminum alloy: Si Fe Cu Mn Mg Cr Ni Zn Ti etc

Copper: Cu Zn Mn Al Mn Ni Sn Be etc

Iron: Fe Cu Mn Cr Ni Co Mo Si Ti etc

Nickel based alloy: C S Mn Si P Ni Cr Fe Mo etc

Magnesium alloy: Mg Si Cu Mn Zn Zr Al Ce Y etc

2. Laboratory analytical instruments



Description	In Situ Online liquid analyzer		In Situ Online Gas analyzer	Offline Analyzer			
	RAMAN		FT-IR	RAMAN	RAMAN		FT-IR
Technology	RAMAN		FT-IR	RAMAN	RAMAN		FT-IR
Model	RS2000T RS2100	RS2000T-4 RS2100-4	IT2000CE	RS2600	RS2000LAB RS2100LAB	RS3100	IT2000
Features	single channel	multi-channel	Compatible with dark reactions	Simultaneous detection of multiple components	High sensitivity	Ultra high sensitivity	Compatible with dark samples
Applications	Pharmaceutical & chemical new material process research		Petrochemical/ fine chemical/coal chemical industries/metallurgy/electronic special gas	Biopharmaceuticals/polymer materials/ food safety research/criminal investigation/identification/environmental pollution research	Jewelry and jade, petrochemical industry		

Online Raman Gas Analyzer

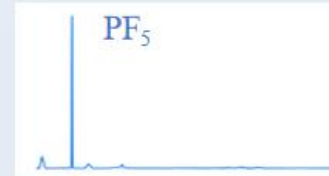
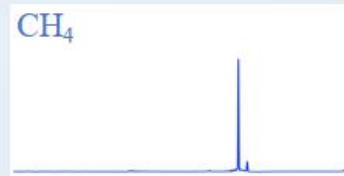


Real-time, in-situ, non-destructive multi-component gas analysis technology



(RS2600)

- In the petrochemical field, detect: CH_4 , C_2H_6 , C_3H_8 , C_2H_4 and other alkane gases.
- In the fluorine chemical industry, corrosive gases such as F_2 , BF_3 , PF_5 , HCl , HF , etc. can be detected.
- In the metallurgical field, N_2 , H_2 , O_2 , CO_2 , CO and other gases can be detected
- Can detect H_2 , D_2 , T_2 , HD , HT , DT and other isotopic gases



3. Industrial analytical instruments

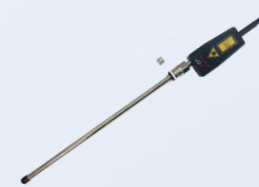


Description	Online liquid analyzer		Online gas analyzer
Technology	RAMAN		
Model	RS2000TPAT RS2000TPAT-4	RS2100PAT RS2100PAT-4	RS2600PAT
Features	Ultra high sensitivity Explosion-proof	High applicability Explosion-proof	Simultaneous detection of multiple components Explosion-proof
Application	Large-scale production stage of pharmaceutical, chemical and new material enterprises		Petrochemical industry/fine chemical industry/coal chemical industry/metallurgy/ electronic special gas

Probe



Suitable for high temperature, high pressure and strong corrosion testing environments

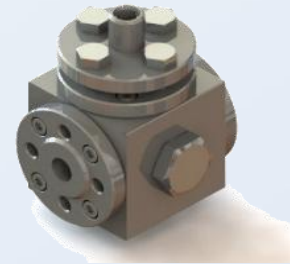
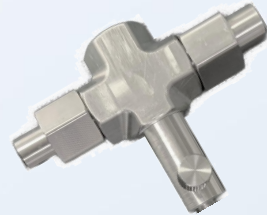


Description	PR100 Series	PR200 Series	PR201 Series	PR202 Series	PR300 Series
Application	Laboratory offline analysis Flow cells and side windows	Laboratory test reaction (suitable for small volume reactors)	Laboratory test reaction	Biological fermentation tanks	Kettle reaction industrial production
Material	304 stainless steel	Hastelloy C276	Hastelloy C276	316L, can withstand SIP/CIP sterilization	Hastelloy C276
Tube outer diameter	10 mm	10 mm	16 mm	10 mm	60 mm
Probe tube length	80 mm	Standard 350 mm (can be customized)	Standard 270 mm (can be customized)	320 mm	1.9 m (1 ~ 3 can be customized)
Fiber length	1.3 m	Standard 5 m (customized within 200 m)	Standard 5 m (customized within 200 m)	Standard 5 m (customized within 200 m)	Standard 50 m (1 ~ 200 m can be customized)
Temperature resistant	-	-40 ~ 200 °C	-40 ~ 150 °C	-30 ~ 200 ° C	-60 ~ 200 °C
Pressure resistant	-	30 MPa (customized up to 100 MPa)	30 MPa (customized up to 100 MPa)	1 MPa	30 MPa (customized up to 100 MPa)
Corrosion-resistant	Not resistant to corrosion	Most acids/alkalis/organic solvents and HF systems	Most acids/alkalis/organic solvents and HF systems	Tolerance pH range 1-14	Common industrial acid/alkali corrosion/ chlorosulfonic acid/HF

Flow cell



Multi-specification detection accessories suitable for high-temperature, high-pressure, and highly corrosive detection environments.



Description	FC100 flow cell	FC200 flow cell	FC300 industrial flow cell	Infrared flow cell
Application	Laboratory small-scale reactions	Laboratory small-scale reactions	large-scale reactions	Laboratory small-scale reactions
Circulation inner diameter	3 mm(customizable)	8 mm(customizable)	15 mm(customizable)	3 mm(customizable)
Material	Optional materials include Hastelloy C276, 304 stainless steel, 316 stainless steel, Monel alloy M400, TA2, and PTFE			
Temperature resistant	-40 ~ 200 °C	-40 ~ 200 °C	-60 ~ 300 °C	-40 ~ 200 °C
Pressure resistant	Standard 4 MPa	Standard 4 MPa (customizeable up to 5 MPa)	Standard 4 MPa (customizeable up to 15 MPa)	Standard 2 MPa

Probes and flow cells

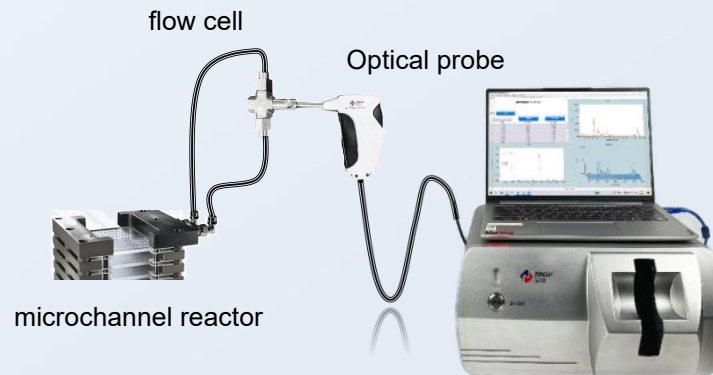
Flexible and versatile accessory connection options

- Laboratory Online Raman -



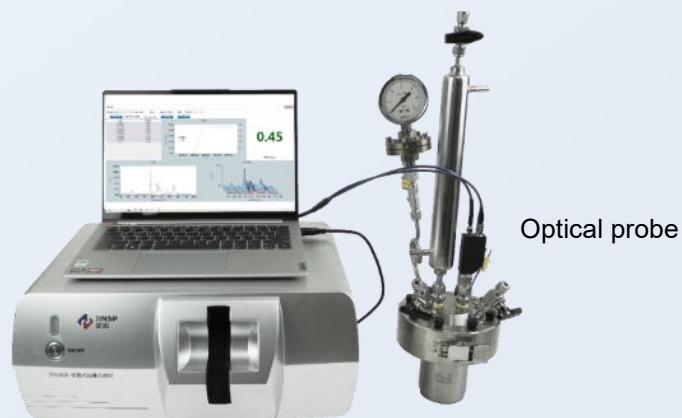
RS2000/RS2100

Normal pressure reaction



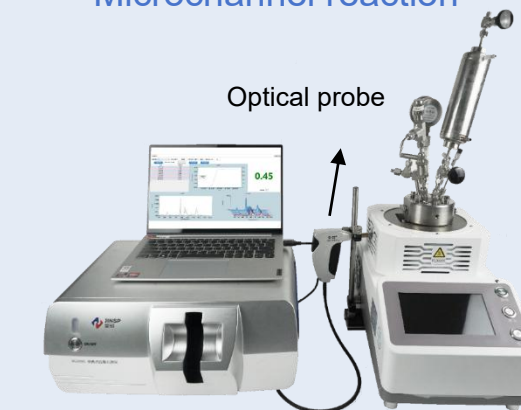
RS2000/RS2100

Microchannel reaction



RS2000/RS2100

High pressure reaction

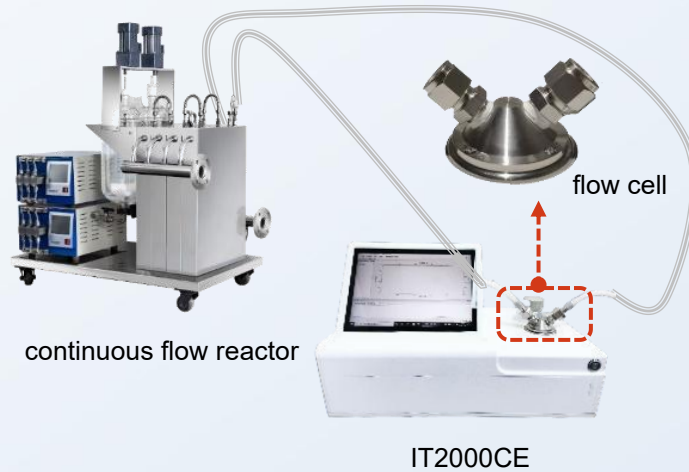


RS2000/RS2100

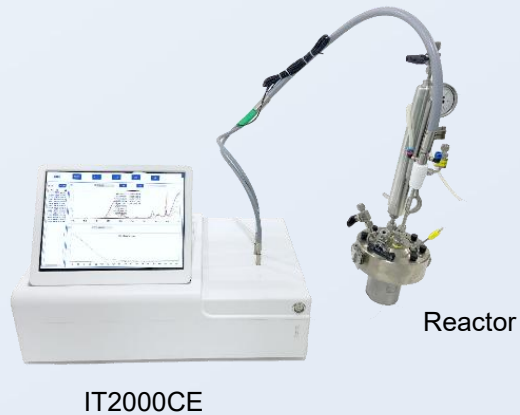
Probes and flow cells

Flexible and versatile accessory connection options

- Laboratory Online Infrared -

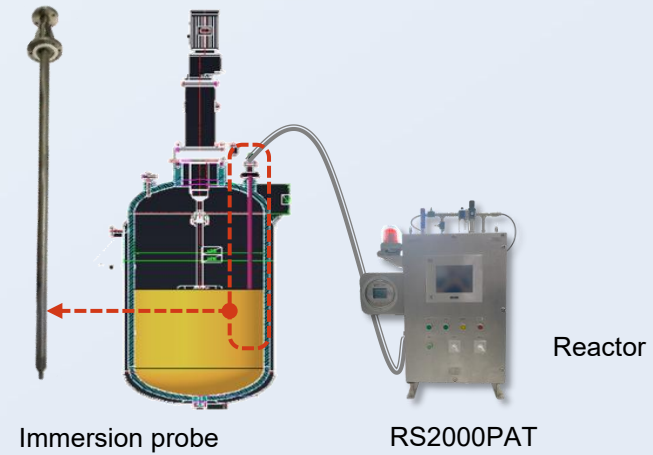


Continuous flow reaction

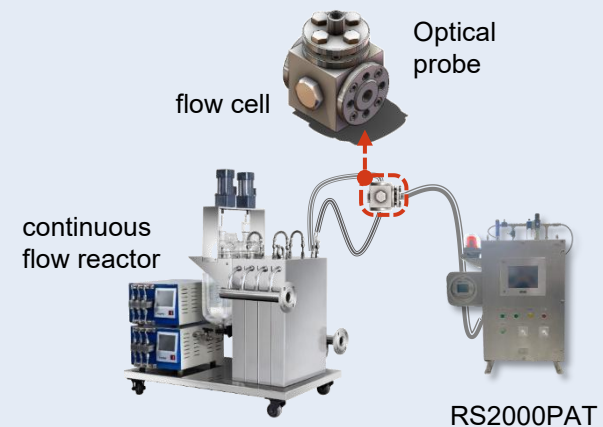


High pressure reaction

- Industrial Online Raman -



Batch reactor production



Continuous flow production

4. Fiber optic spectrometer

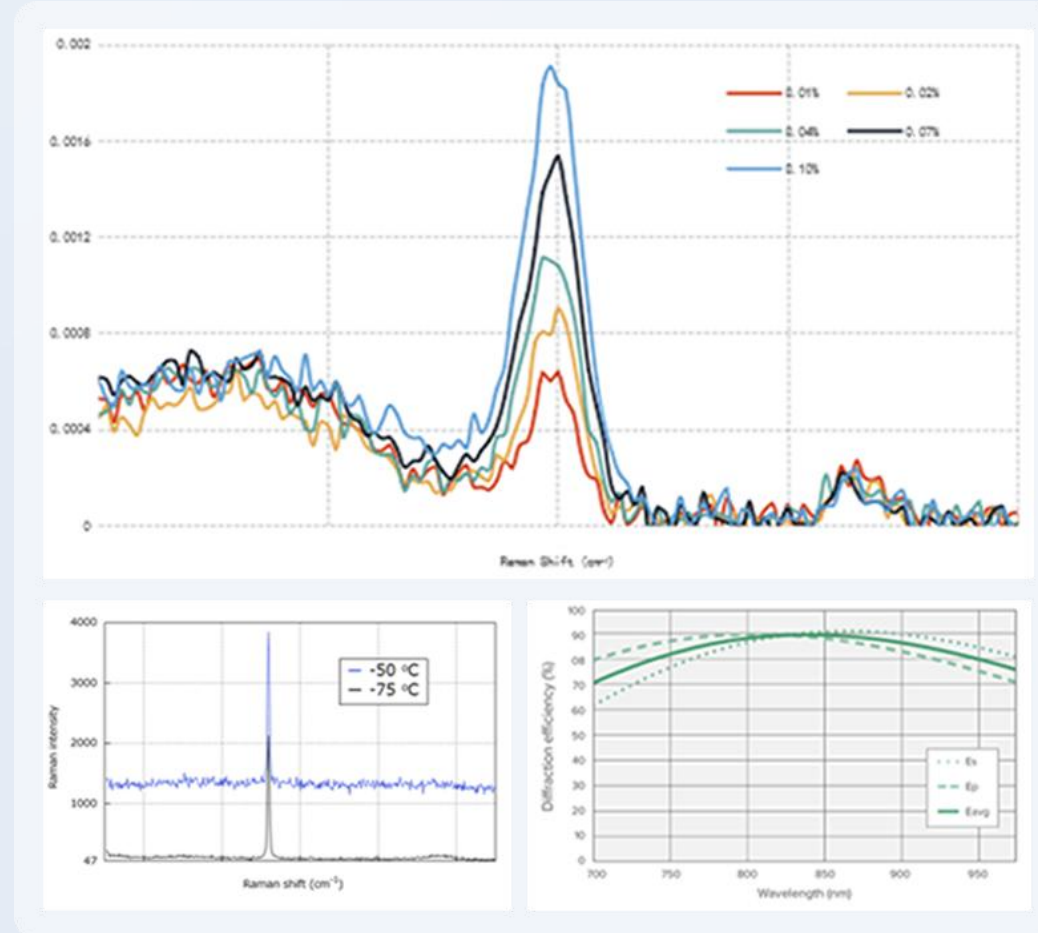


Description	Miniature		High sensitivity			High-throughput transmission			Beam profiler
Overview	Ultraviolet-visible-near infrared (200-1000nm)		Area array back-illuminated CCD	Deep refrigeration		VPH transmission grating			Spot analysis
Model	SR50C	SR75C	SR100Z	SR100Q	SR150S	ST50S	ST90S	ST100S	BA1023
Features	High sensitivity	High resolution	High signal-to-noise ratio	High resolution	Deep refrigeration	High sensitivity	High signal-to-noise ratio	High signal-to-noise ratio	-
Application	Absorption spectrum analysis, light source and laser wavelength detection		Absorption spectrum, fluorescence spectrum, Raman spectrum analysis			Scientific research-grade confocal microscopy Raman system, high-performance industrial online Raman system			Spot analysis Power detection

High-throughput transmission fiber spectrometer



- High-throughput design, numerical aperture 0.25, grating diffraction efficiency >85%
- Deep cooling camera, extremely low dark current noise
- Zero aberration design, diffraction-limited resolution
- Compatible with SMA905 optical fiber and medium 10 mm multi-core optical fiber interface, supports multi-channel
- High stability for laboratory and industrial applications



5. OCT products

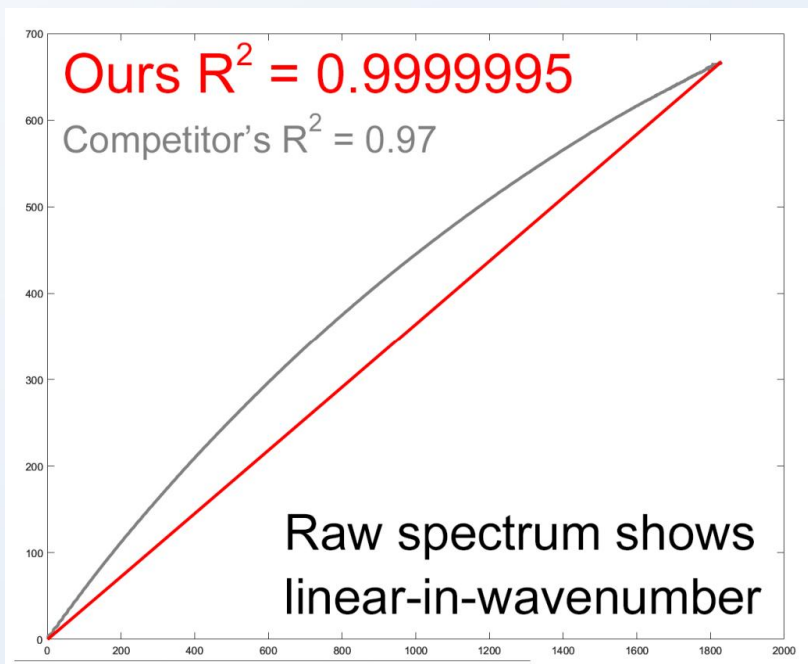
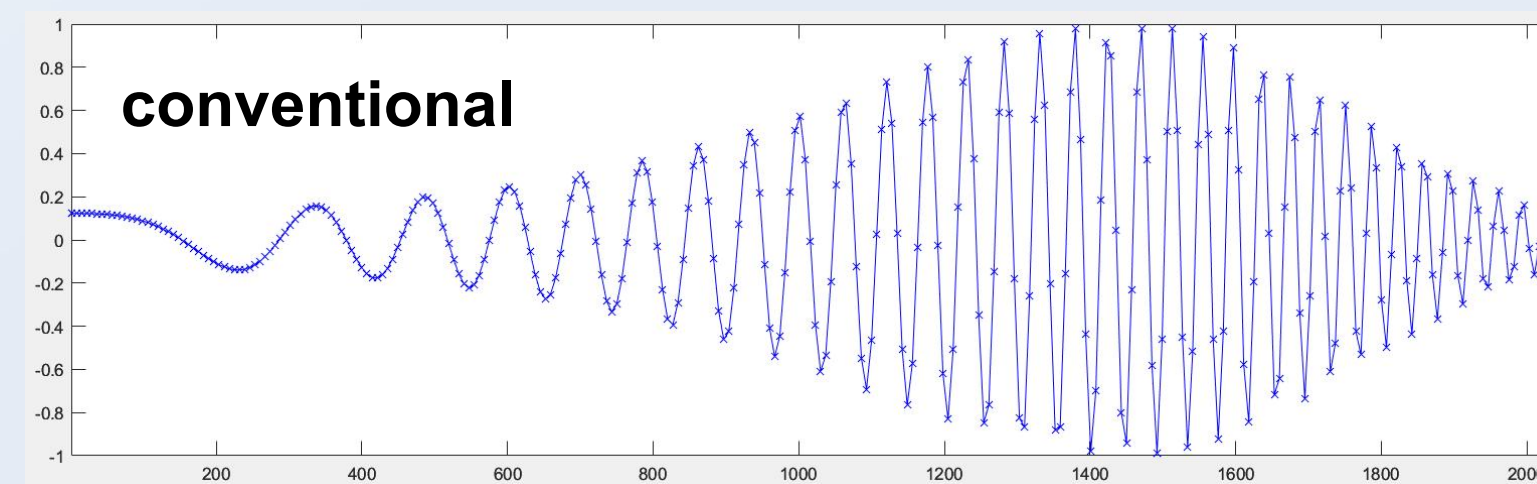
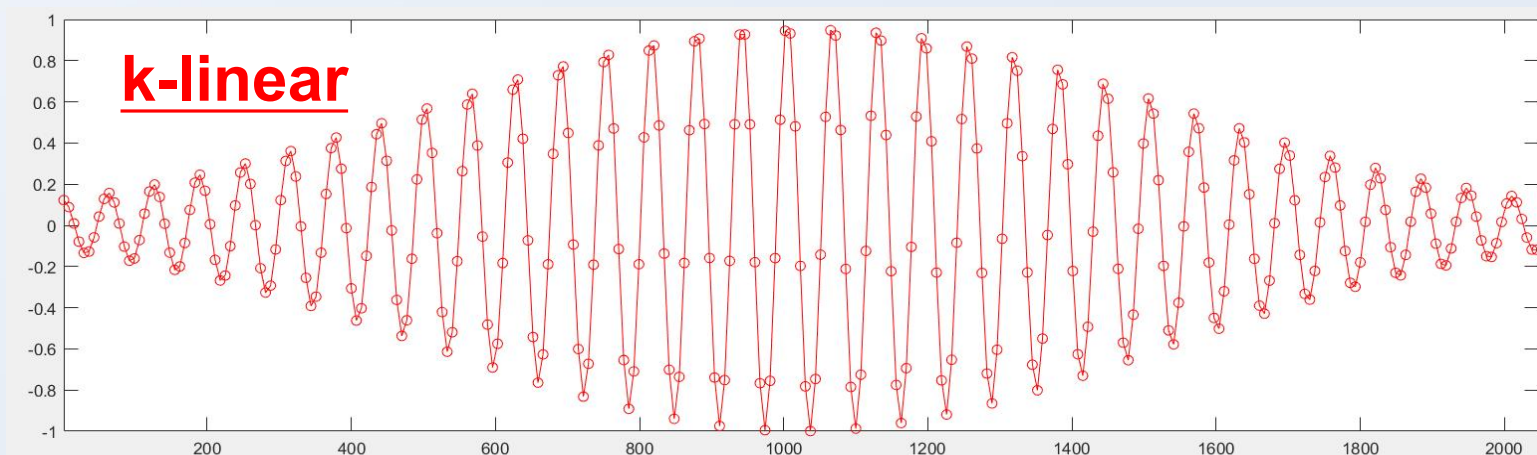


OCT Imaging System



ST830E OCT Spectrometer

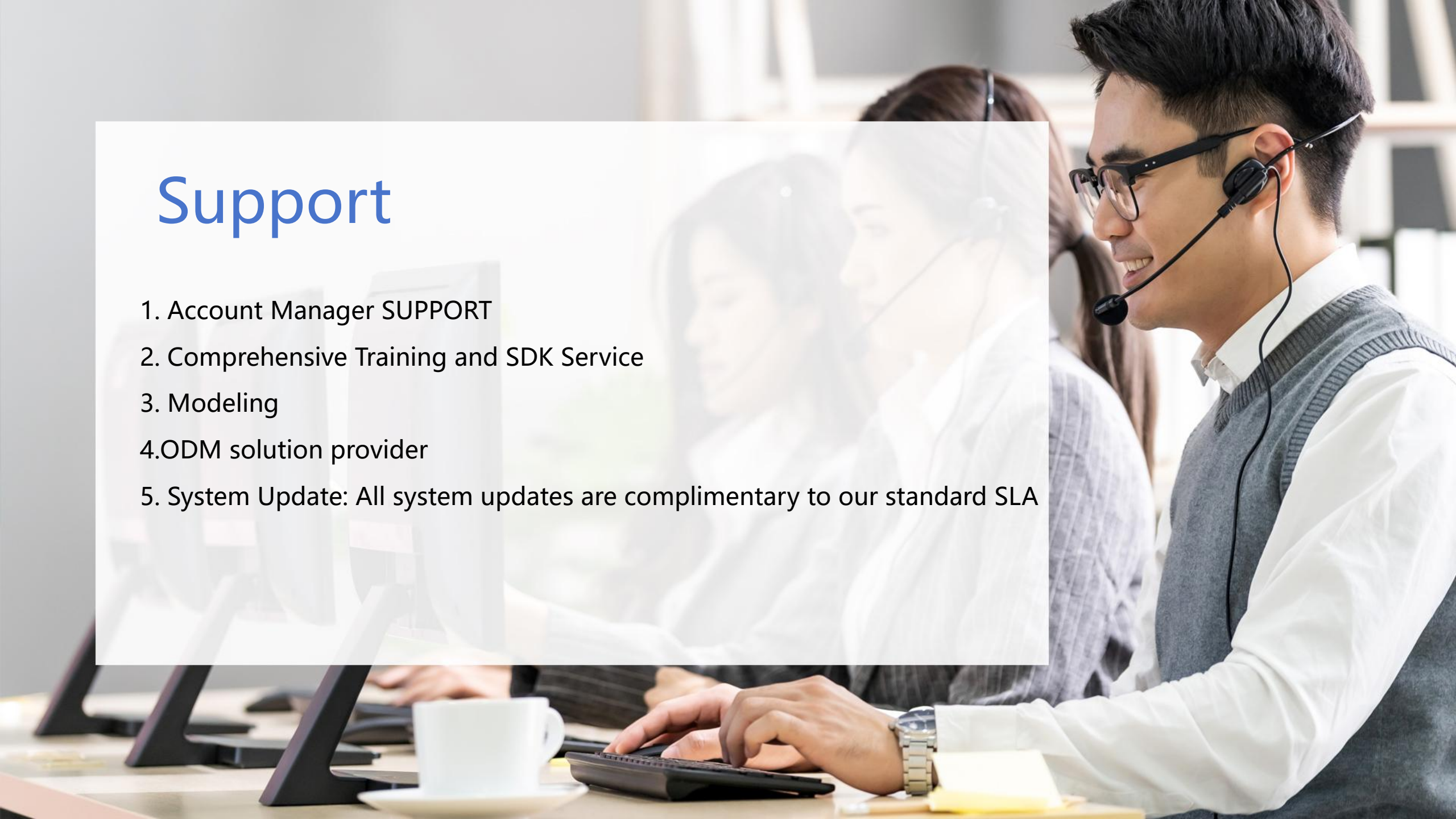
OCT-ST830E



No need for post processing interpolation, Just do FFT

Support

1. Account Manager SUPPORT
2. Comprehensive Training and SDK Service
3. Modeling
4. ODM solution provider
5. System Update: All system updates are complimentary to our standard SLA



Customers

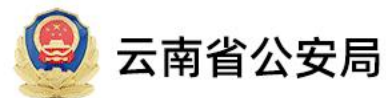
Pharmaceutical
chemical industries



Universities
Research Institutions



Government agencies

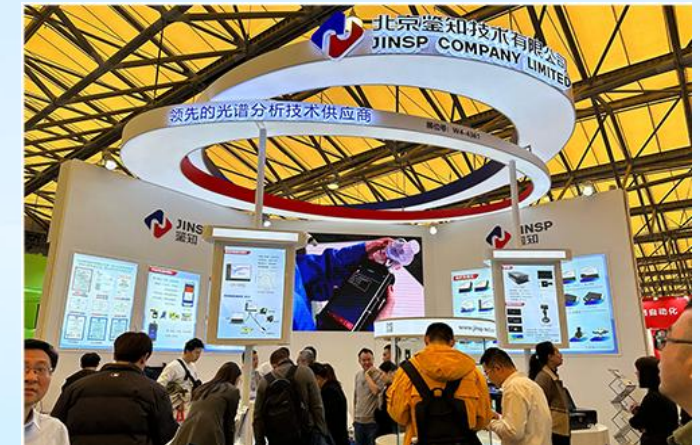




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THANKS

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