Optical Resolution OCT Spectrometer With Customized Wavelength Range

Our Product Introduction

Basic Information

- Place of Origin: CHINA
- Brand Name: JINSP
- Certification: CE
- Model Number: ST830E
- Minimum Order Quantity: 1
- Price: Negotiable
- Packaging Details: Carton Packing
- Delivery Time: 80-90 WORKING DAYS
- Payment Terms: T/T, Western Union
- Supply Ability: 10PCS/MONTH

Product Specification

- Effective Pixels: 2048
- Maximum Line Sweep Speed: 130kHz/250kHz
- VPH Gratings: High-efficiency With Near-diffraction-limited Optical Resolution
- Cell Size: 10*200um
- Interference Spectrum Processing: Direct FFT Without Wavenumber Resampling Algorithm
- Wavelength Range: Customized In The Range Of 790-930nm
- Photosensitive Area: 20.52*0.2mm
- Optical Design: VPH Raster & Wave Ridge Linear Design
- Highlight: **Optical Resolution OCT Spectrometer w**, **Customized Wavelength OCT Spectrometer w**

Product Description

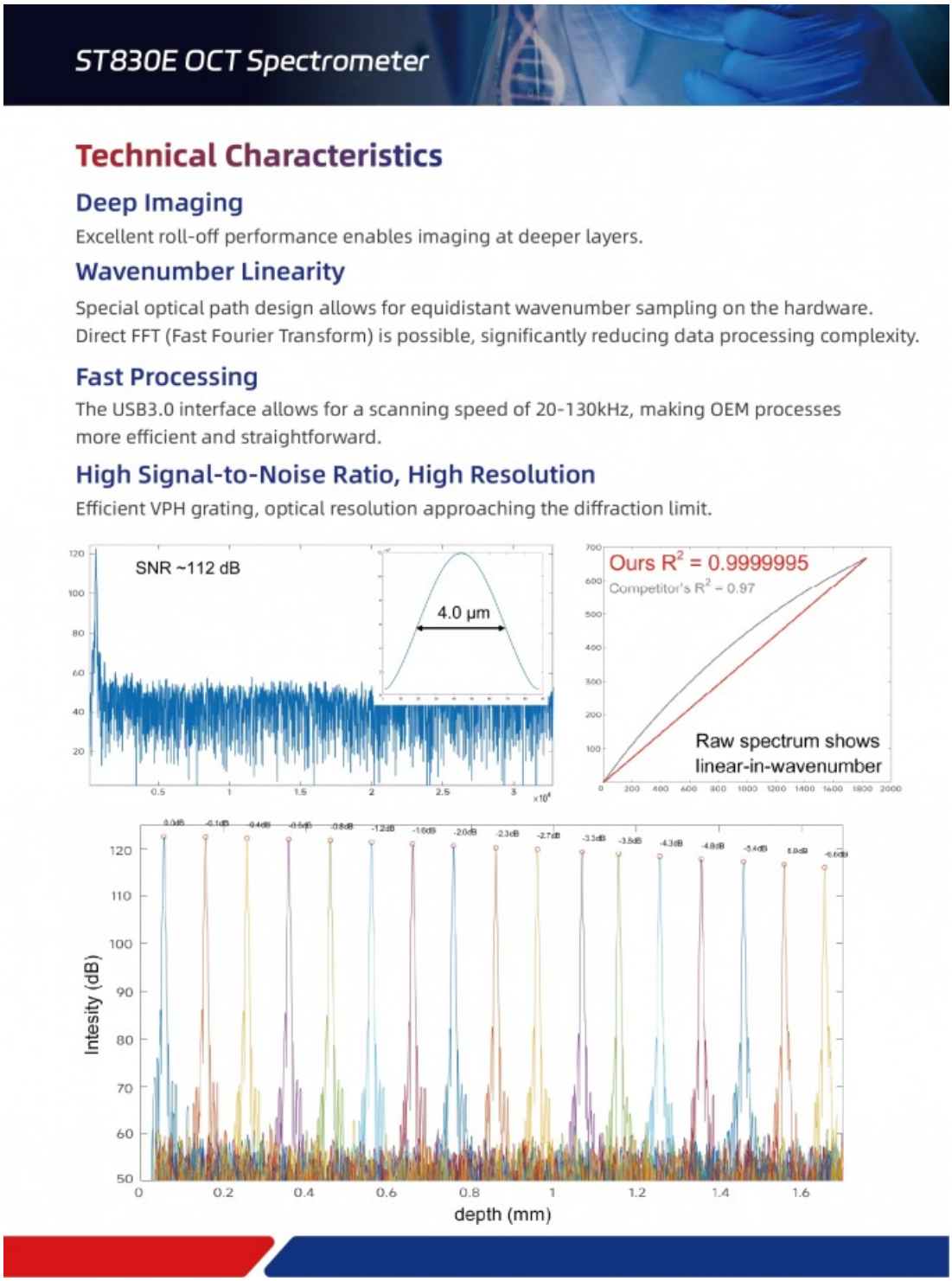
Optical Resolution OCT Spectrometers with Customized Wavelength Range

Product Description:

Our OCT Spectrometers are equipped with a special optical path design that allows for hardware to realize equal interval sampling of wave number, ensuring that each data point is accurately captured. This feature is especially beneficial for applications that require high-resolution measurements, such as in medical imaging.
As a leading manufacturer of OCT Spectrometers, we take pride in our product's ability to deliver high-quality results with effective pixels of 2048. Our spectrometers are ideal for applications that require high sensitivity and fast data acquisition. With our VPH gratings, our OCT Spectrometers offer high-efficiency with near-diffraction-limited optical resolution, making them the go-to choice for applications in scientific research, medical diagnostics, and industrial quality control.

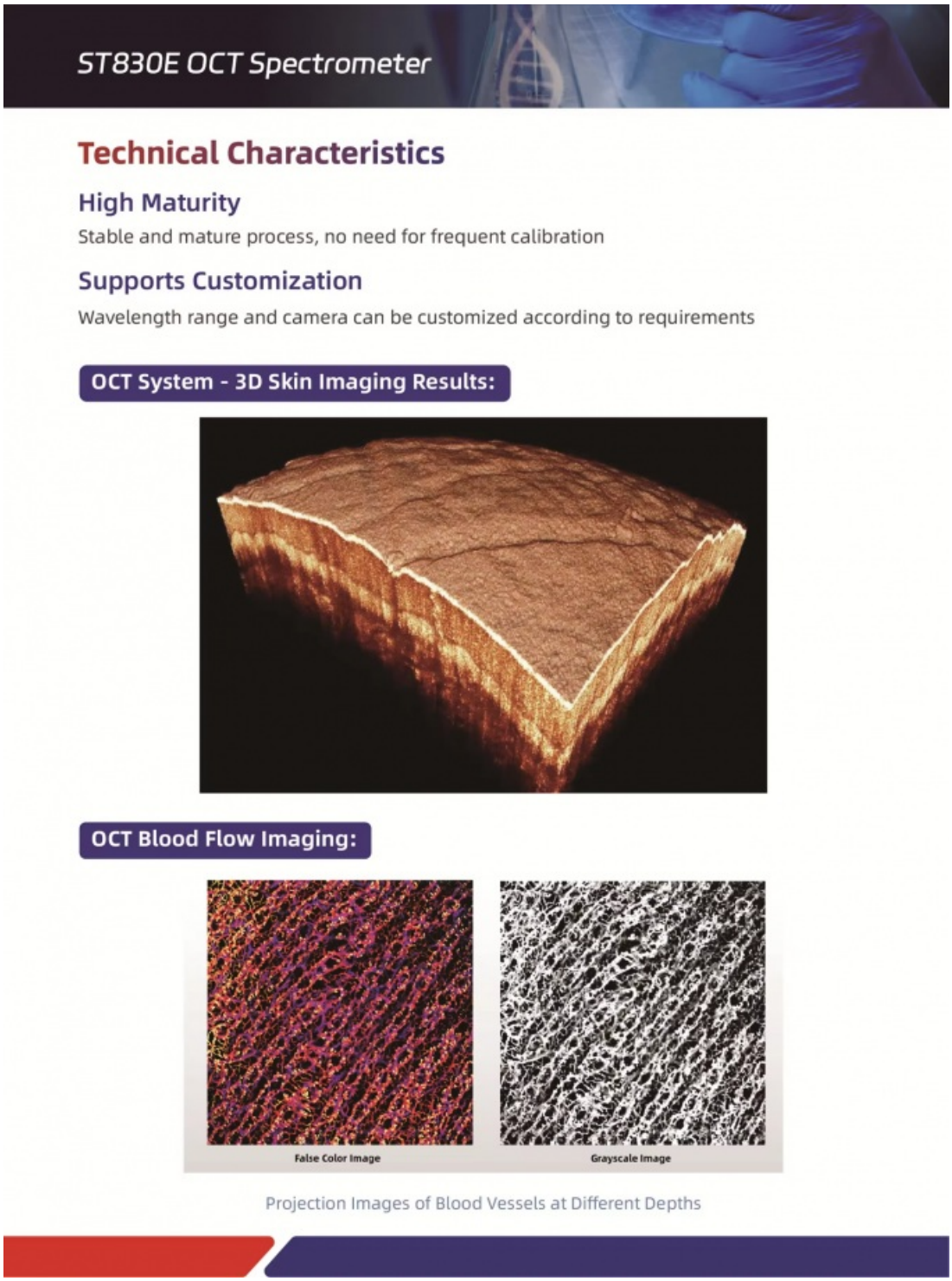
Features:

Product Name: High-speed and high-sensitivity OCT Spectrometers for Spectral Domain OCT System
Optical resolution: 0.07nm
Optical design: VPH raster & wave ridge linear design
Interference spectrum processing: Direct FFT without wavenumber resampling algorithm
Detector: Line array CMOS



Technical Parameters:

Product Name:	High-speed and high-sensitivity OCT Spectrometers for Spectral Domain OCT System
Product Category:	OCT Spectrometers
Optical design:	VPH raster & wave ridge linear design
Maximum line sweep speed:	130kHz/250kHz
Special optical path design:	Hardware can realize equal interval sampling of wave number
Incident optical interface:	FC/APC fibre optic interface
Wavelength range:	Customized in the range of 790-930nm
Effective pixels:	2048
VPH gratings:	High-efficiency with near-diffraction-limited optical resolution



Applications:

The JINSP ST830E spectrometer is an essential tool for Optical Coherence Tomography (OCT). It is equipped with a VPH raster & wave ridge linear design that provides efficient optical performance. The cell size of this spectrometer is 10*200um, which is perfect for capturing minute details in the optical coherence tomography images.
One of the unique features of this spectrometer is its special optical path design that allows hardware to realize equal interval sampling of wave number. This feature helps to produce high-quality interference spectrum processing using direct FFT without wavenumber resampling algorithm.

Support and Services:

Our OCT Spectrometers are designed to provide high-quality imaging and analysis for a range of applications in the medical and scientific fields. We offer a comprehensive range of technical support and services to ensure that our customers get the most out of their instruments, including:

Installation and setup

Training and education

Calibration and maintenance

Repair and replacement

Software and firmware updates

Technical consultation and support

Product Packaging:
OCT Spectrometer unit
USB cable
User manual
Protective carrying case
Shipping:
Estimated delivery time:80-90 business days

FAQ:

Q: What is the brand name of this OCT Spectrometer?
A: The brand name of this OCT Spectrometer is JINSP.
Q: What is the model number of this OCT Spectrometer?
A: The model number of this OCT Spectrometer is ST830E.
Q: Where is this OCT Spectrometer manufactured?
A: This OCT Spectrometer is manufactured in China.
Q: What is the minimum order quantity for this OCT Spectrometer?
A: The minimum order quantity for this OCT Spectrometer is 1.
Q: What are the available payment methods for purchasing this OCT Spectrometer?
A: The available payment methods for purchasing this OCT Spectrometer are T/T and Western Union.
Q: What is the delivery time for this OCT Spectrometer?
A: The delivery time for this OCT Spectrometer is 80-90 working days.
Q: What is the packaging detail for this OCT Spectrometer?
A: The packaging detail for this OCT Spectrometer is carton packing.
Q: What is the supply ability of this OCT Spectrometer?
A: The supply ability of this OCT Spectrometer is 10pcs/month.

JINSP Company Ltd.

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