JINSP ST830E Compact Optical Spectrometer With OCT System Fast Processing

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

- Optical Design: VPH Raster & Wave Ridge Linear Design
- Maximum Line Sweep Speed: 130kHz/250kHz
- Effective Pixels: 2048
- Incident Optical Interface: FC/APC Fibre Optic Interface
- Interference Spectrum Processing: Direct FFT Without Wavenumber Resampling Algorithm
- VPH Gratings: High-efficiency With Near-diffraction-limited Optical Resolution
- Wavelength Range: Customized In The Range Of 790-930nm
- Line Scan Rate: Up To 250kHz
- Highlight: **Optical Spectrometer With OCT System**, **compact spectrometer With OCT System**,

Product Description

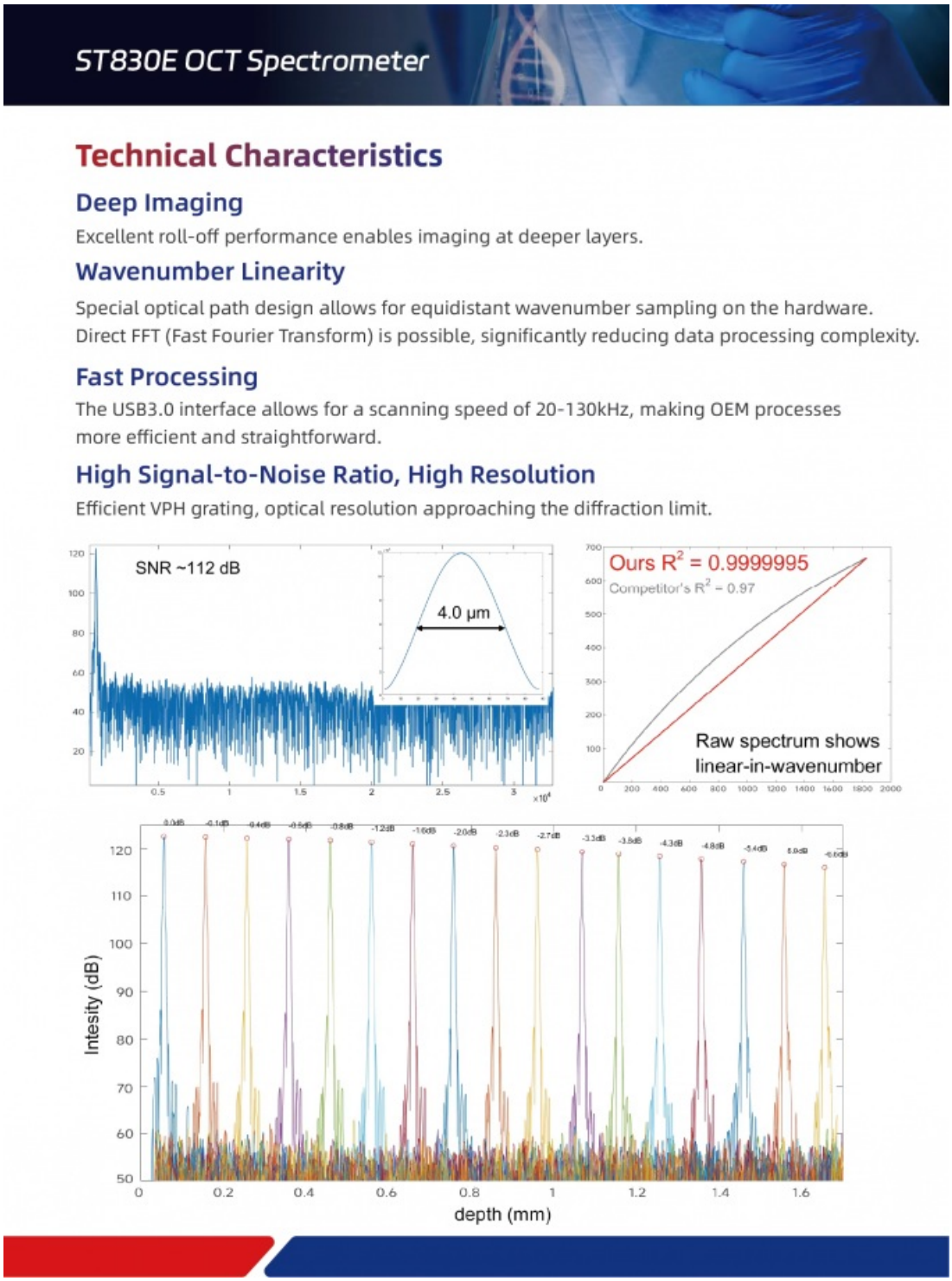
JINSP ST830E Spectrometer With OCT System

Product Description:

One of the key features of this OCT spectrometer is its optical design. The VPH raster & wave ridge linear design ensures that the spectrometer can capture a wide range of wavelengths, providing accurate and detailed information about the tissue being imaged. This design also ensures that the spectrometer is highly sensitive, making it ideal for detecting even the smallest changes in tissue structure. The OCT spectrometer is also equipped with a USB3.0 interface, which allows it to realize a scanning rate of 20-130kHz. This interface makes the spectrometer more efficient and simple to use, allowing users to capture images quickly and easily. The spectrometer can also be customized for OEM use, making it a versatile tool for a wide range of applications.

Features:

Product Name: OCT Spectrometers
Optical design: VPH raster & wave ridge linear design
Incident optical interface: FC/APC fibre optic interface
Special optical path design: Hardware can realize equal interval sampling of wave number
Detector: Line array CMOS
Maximum line sweep speed: 130kHz/250kHz
Keywords: OCT system, OCT (SD-OCT) system, OCT spectrometer with SNR

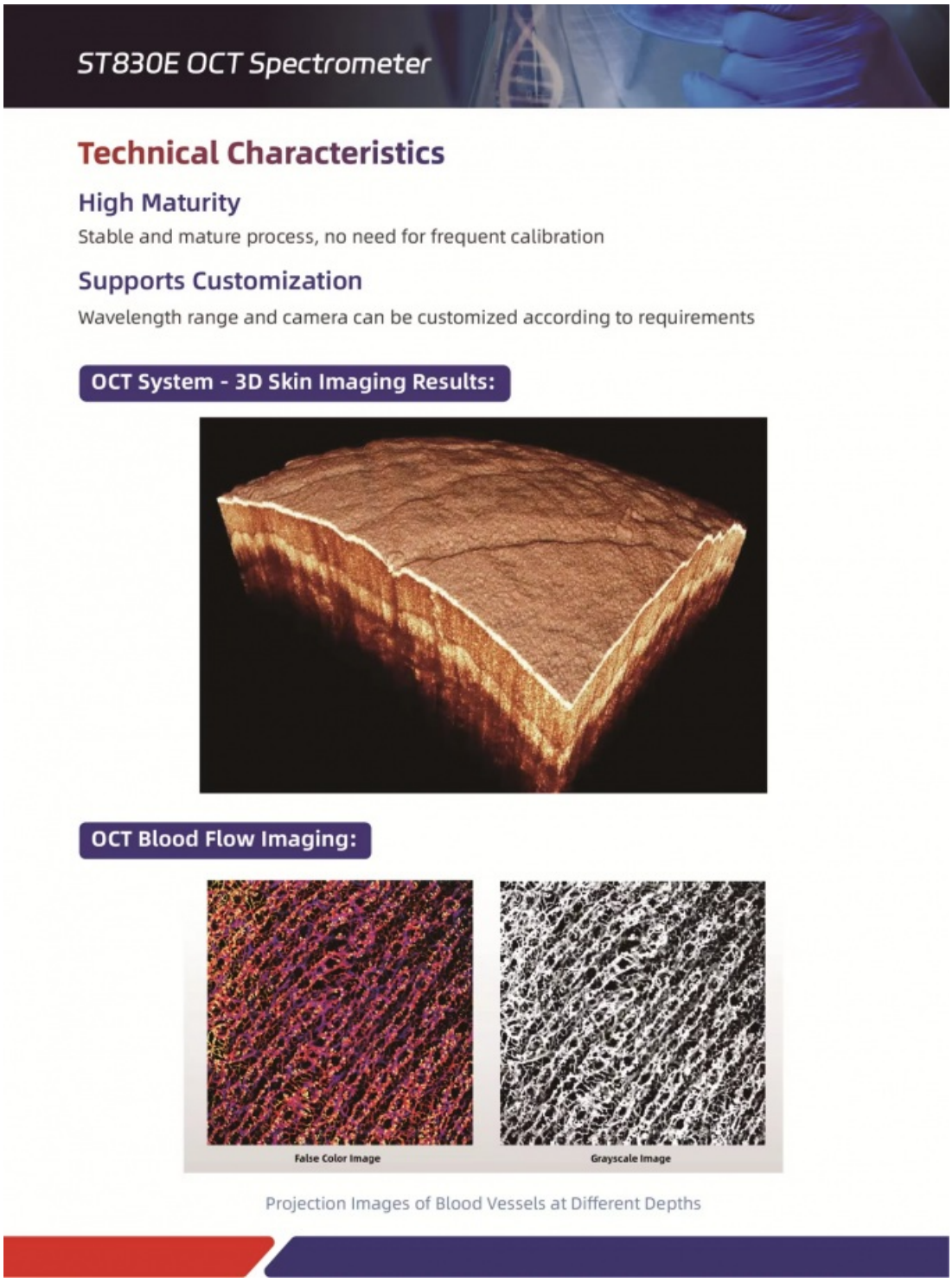


Technical Parameters:

Product Category	OCT Spectrometers
Effective Pixels	2048
Optical Design	VPH raster & wave ridge linear design
Detector	Line array CMOS
Photosensitive Area	20.52*0.2mm
VPH Gratings	High-efficiency with near-diffraction-limited optical resolution
Optical Resolution	0.07nm
Line Scan Rate	Up to 250kHz
Maximum Line Sweep Speed	130kHz/250kHz
Wavelength Range	Customized in the range of 790-930nm

Applications:

OCT technology has a wide range of applications in the medical field, and JINSP ST830E OCT Spectrometers are no exception. They are ideal for use in ophthalmology and dentistry, where they can be used to capture high-resolution images of the eye and teeth. In addition to medical applications, these OCT spectrometers are also suitable for use in materials science, where they can be used to analyze the structure of materials and identify defects.



Support and Services:

Our OCT spectrometers come with comprehensive technical support and services to ensure optimal performance and customer satisfaction. Our dedicated team of experts is available to provide assistance with installation, troubleshooting, and maintenance issues. We also offer product training to ensure that users can take full advantage of the capabilities of the OCT spectrometers. In addition, we provide calibration and repair services to keep the spectrometers functioning at peak performance. Contact us for more information on our product technical support and services.

Packing and Shipping:

Product Packaging:
OCT Spectrometer device
USB cable
User manual
Carrying case
Shipping:

All orders will be shipped within 80-90 business days
Expedited shipping options are available at an additional cost

FAQ:

Q1: What is the brand name of this OCT Spectrometer?
A1: The brand name of this OCT Spectrometer is JINSP.
Q2: What is the model number of this OCT Spectrometer?
A2: The model number of this OCT Spectrometer is ST830E.
Q3: Where is this OCT Spectrometer made?
A3: This OCT Spectrometer is made in China.
Q4: What are the payment terms for this OCT Spectrometer?
A4: The payment terms for this OCT Spectrometer are T/T and Western Union.

JINSP Company Ltd.

8618620854039 phoebeyu@jinsptech.com spectralanalyser.com

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