

Fiber Optic Spectrometer



Multi-channel Spectrometer

Features:

- High resolution
- Customized the quantity of channels and spectral range
- Include synchronous delay device
- Internal/external control mode
- Suitable for Spectral Analysis and LIBS software

SPECIFICATIONS

Spectrometer	
Wavelength range	185-1200nm ((Spectrometer band and resolution can be customized))
Optical resolution	<0.75nm FWHM
Pixels	3648 pixels
Pixel size	8um*200um
Signal-to-noise ratio	300:1
Integration time	4ms-10s
Power consumption	450mA@5VDC
Delay device	
Synchronous channel	4 channels (Other channel quantity optional depending on the spectrometer)
Tigger mode	Internal/ external control
Delay jitter	<1ns
Delay control range	0-1ms
Signal outputs	5V TTL signal
Software	
Optical spectrum analysis	Spectral Analysis /LIBS software
Operating system	Windows XP/ Win7/ Win10 (32bits or 64 bits)
Characteristic	
Dimensions:	155*261*168mm ((Different sizes for different number of channels))
Computer interface:	USB 2.0 and USB 1.0
Power supply:	220VAC, 50-60Hz
Fiber connector:	SMA905/ FC (Multi-in-one fiber can be customized according to the channel quantity)
Warranty Period	1 year

