

Fiber Optic Spectrometer



Sunshine

- Features:

Up to 80% quantum efficiency

Convenient operation

Customized wavelength range and resolution

Fit various applications

SPECIFICATIONS

Detector	
Wavelength range	200-1100nm
Pixels	2048 pixels
Pixel size	14um*14um
Spectrometer	
Dimensions	149*109*50mm
Weight	1000 (g)
Optical resolution	Depending on the grating mark density and the slit size (available in a variety of options)
Signal-to-noise ratio	~450:1
Integration time	17ms-10s
Electronics	
Power consumption	450mA@5VDC
Data transfer speed	Full scans into memory every 4 ms with USB 2.0; every 18 ms with USB 1.1
Inputs/outputs	5 inputs and 5 outputs (opto-isolator inputs/outputs)
Analog channels	One 12 analog input one 12 analog output
Strobe functions	Yes
Connector	30-pin connector
Warranty Period	1 year

Dimensions

