

Fiber Optic Spectrometer



Firefly

Features:

Small appearance, easy to carry

Convenient operation

Customized wavelength range and resolution

Fit various applications

SPECIFICATIONS

Detector	
Wavelength range	200-1100nm optional (max.650nm span)
Pixels	3648 pixels
Pixel size	8um*200um
Spectrometer	
Dimensions	89*63.9*36.2mm
Weight	170 (g)
Optical resolution	<1.0nm
Signal-to-noise ratio	300:1 (at full signal)
Dynamic range	2*10 ⁹ (system)
Integration time	4ms-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
Strobe functions	Yes
Connector	30-pin connector
Warranty Period	1 year

Dimensions

