

Sciencetech Inc.

8030DC Dual Channel Compact Spectrograph

Technical Specifications

Design	Dual channel "side-by-side" configuration
Input Focal Length	61mm
Output Focal Length	61mm
Wavelength Selection	n/a
Mechanics	n/a
Scanning Range*	500-1100 nm
Aperture	f/2 to match incoming light from NA 0.22 fibers
Grating	Concave holographic master grating Accessible grating alignment screws for recalibration by service technician
Optical Resolution	3 nm (UV model) 8-10 nm (Visible model) 15 nm (Infrared model)
Stray Light*	0.25%
Dispersion*	50 nm/mm
Wavelength Accuracy*	n/a
Wavelength	n/a
Reproducibility*	
Slit	2.5 mm (h) 50 μ m, 100 μ m, or 150 μ m (w)
Optical Plane Center	11mm
Height	
Dimensions	70 x 42 mm (Length x Diameter)
Weight	0.14 kg

**All Specifications are for a 1200 l/mm grating except where stated otherwise.*