

Sciencetech Inc.

9030DA Double Additive and Double Subtractive

Technical Specifications

Design	Seya-Namioka compact scanning monochromator
Input Focal Length	100 mm
Output Focal Length	100 mm
Wavelength Selection	Manual knob with readout counter Optional computer-controlled, motorized version is available
Mechanics	Sine drive grating control mechanism
Scanning Range*	Factory Calibrated 0-1000 nm with 0.02 nm readout division
Aperture	f/3.2
Grating	Single 32 x 32 mm concave holographic grating
Optical Resolution*	0.5 nm (or better) with 100 μ m slit
Stray Light*	10^{-8}
Dispersion*	4 nm/mm
Wavelength Accuracy*	± 0.3 nm
Wavelength Reproducibility*	± 0.25 nm
Slit Height	8 mm
Optical Plane Center Height	76.2 mm (3")
Dimensions	22.4 x 11.2 x 9cm (10.2" x 5.1" x 4.1")
Weight	~4 kg

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