

Acousto-optic tunable filter LSG125-1

Description

The optical filter of LSG125-1 is all solid-state spectroscopic device which is mainly used at the wave range of visible light and has no moving parts. It adopts electronic signal to control scanning and has quick wavelength switching to meet the need of real-time rapid detection.



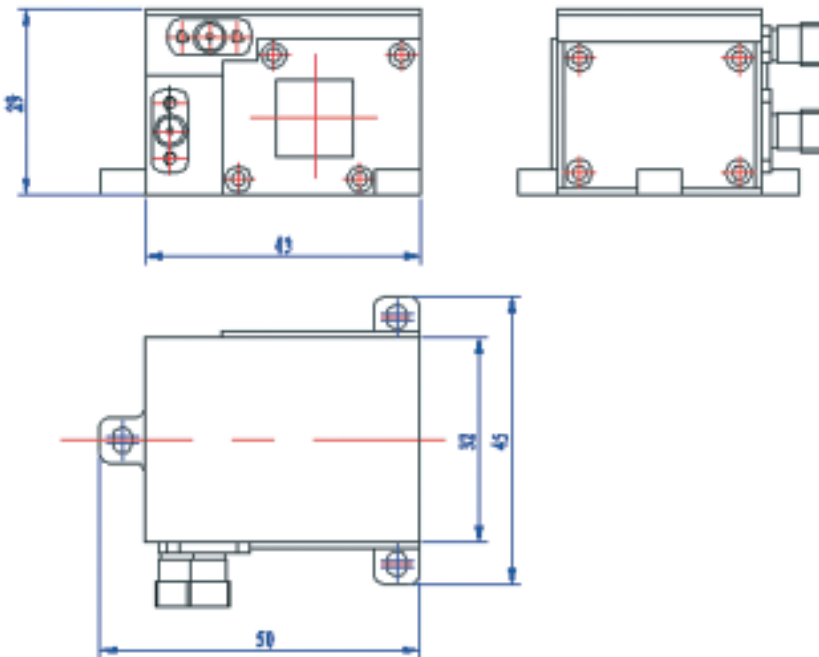
Characteristics

This product has such characteristics as high precision, high resolution, quick scanning speed and broad scanning range.

Specification

Interaction Material	Tellurium oxide (TeO_2)
Range of wavelength	400nm – 700nm
Active Aperture	2 – 10mm
Spectrum resolution	2 – 7nm
Transmission (single pass)	> 90%
Angular aperture	4.3°
Diffraction efficiency	> 70%
Polarization	Linear polarization

Mechanical Dimensions



The product is provided with the auxiliary driver, and the devices with different wavelength range and resolution parameters can be customized according to user requirements.