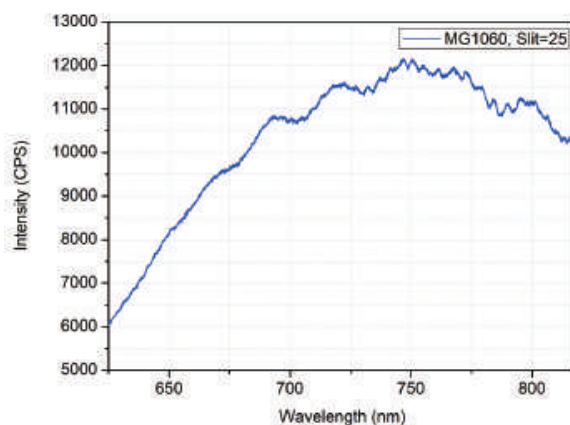


Megrez™ Series

Raman, LIBS, VCSEL, Thin-film Application Customized Thermoelectric Cooling & High-Resolution

- Configurable range within 400 nm to 1000 nm
- High spectral resolution < 0.1nm, dependent upon grating, spectral range & slit width
- New T-R-T (Transmissive-Reflective-Transmissive) design
- Thermoelectrically cooled linear sensor
- Default: 0°C at Ambient of 25°C
- Extremely low dark background for long integration time
- 2048-pixel back-thinned CCD sensor



MG Series Wavelength Response with Halogen Lamp



Model	MG1060S
Wavelength Range	Configurable within the range 400 nm to 1000 nm
Slit	5 µm, 10 µm or 25 µm
Resolution	<0.35 nm
Sensor	<i>Back-thinned 2048-pixel CCD</i>
SNR	500
Dynamic Range	5000
Dark Noise	16
Exposure Time	5 ms ~ 24 sec.
Dimension	199(L) x 170(W) x 64.5(H) mm
Fiber Input Interface	SMA905 or FC/PC or FC/APC
Data Transfer Interface	USB 2.0 / UART