

Compact and robust athermal design
Ideal for weak intensity Raman solutions

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p h o t o n i c s

Ibsen's EAGLE Raman-S are high throughput, robust, and high resolution spectrometers, suited for OEM integration into industrial grade Raman systems at 785 or 830 nm excitation.

The EAGLE Raman-S series comprises the ENS-392 with a -10 Deg. C cooled CCD and the ENS-C316 with a -60 Deg. C cooled camera. Furthermore, if the specifications do not match your requirements, Ibsen can customize an OEM spectrometer to meet your exact needs.



EAGLE Raman-S

800 – 1100 nm OEM Spectrometer

EAGLE Raman-S 800 – 1100 nm OEM Spectrometer

Key Benefits



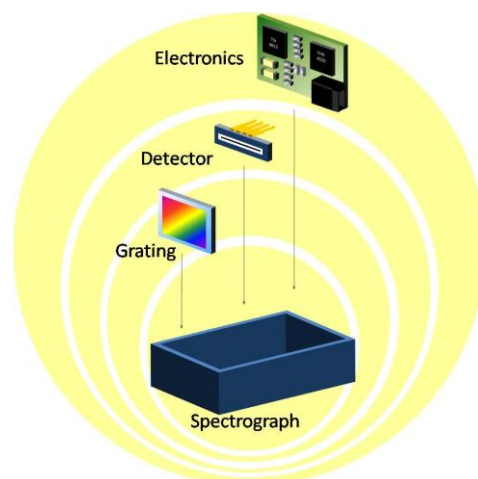
- **High throughput**
- **Flexible detector and electronics**
- **Robust and athermal design**
- **Error free imaging and tall input/fiber array**

Specifications

Parameter	ENS-392	ENS-C316
Wavelength range	800 – 1100 nm	800 – 1100 nm
Numerical aperture	0.3	0.3
Typical resolution	0.4 nm/FWHM	0.4 nm/FWHM
Stray light	<0.03%	<0.03%
Detector	Hamamatsu S7031-1007S BT-CCD 1-stage TE-cooled	Andor iVac 316 -60 Deg. C cooled camera
Interface	USB - 2.0	USB - 2.0
Operating temperature range. Non-condensing	0 to +40 Degree C	
Temperature drift	<0.01 nm/Degree C	
Dimensions	128 mm x 128 mm x 220 mm	128 mm x 128 mm x 248 mm

Modular Approach

Ibsen's OEM spectrometers are based on a modular design, whereby customers can choose to buy a complete spectrometer, a spectrograph or simply a spectrometer grating, depending on the approach that they prefer. Furthermore, our spectrometers can be fitted to almost any detector and electronics.



Specifications are subject to change without notice.