

COMPACT EAGLE OCT

810 – 870 nm
OEM Spectrometer



Compact and highly efficient spectrometer for SD-OCT

Ibsen's EAGLE OCT is a compact, robust, and highly efficient spectrometer, suited for OEM integration into Spectral Domain OCT instruments around center wavelength of 840 nm.

Furthermore, if the specifications do not match your requirements, Ibsen can customize an OEM spectrometer to meet your exact needs.

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Key benefits:

- ✓ Compact size
- ✓ High optical throughput
- ✓ Robust and athermal design
- ✓ Customizable for multiple wavelength ranges

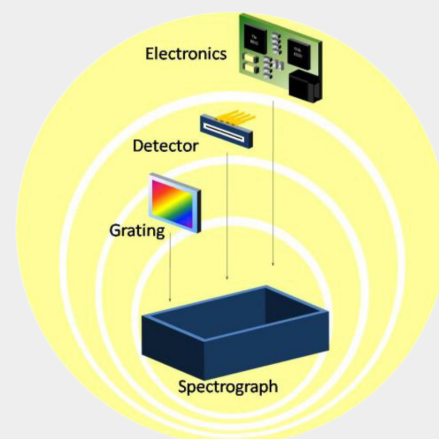


Parameter	ECS-190	Comments
Wavelength range	810 - 870 nm	Other ranges upon request
Numerical aperture	0.14	
Typical resolution	< 0.06 nm corresponding to 1 pixel	
Detector	Hamamatsu S15611	
Number of pixels	1024	
Pixel size	7 μm x 200 μm	
Operating temperature range	+5 to +45 Degree C	Non-condensing
Dimensions	60 mm x 130mm x 35 mm	

Specifications are subject to change without notice.

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.



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