

[OESEN-CEL-100-150]

Short Path Gas Cell

Features:

- Infrared technology
- Low cost
- Light weight
- Small foot print
- Easy to operate

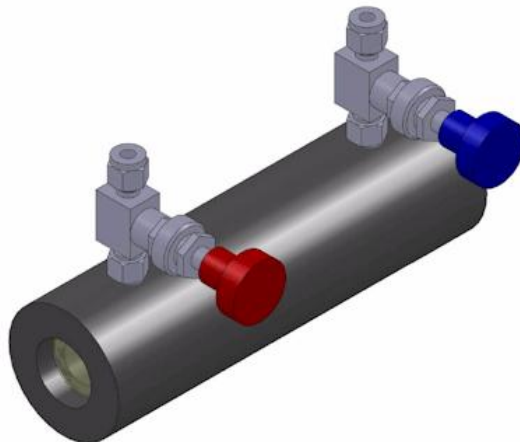


Fig 1. Short path gas cell

Product description:

Short path gas absorption cell with model number **OESEN-CEL-100-150** is a gas sample accessories for infrared gas sensor like Fourier transform infrared spectrometer to detect most common gas. It has many advantages like simple structure, small cell body volume, high light transmission, light weight, high strength, low cost, easy to use. It can meet most of usage from universities, research institutes and companies for their qualitative and quantitative analysis of gas samples routine test and characterization.

Product Specifications:

Parameter	ZnSe window	KBr window	CaF2 window
Spectrum range (cm-1)	10,000 ~ 550	10,000 ~ 400	10,000 ~ 1,000
Optical path (mm)	150		
Gas volume (ml)	40		
Operation pressure (MPa)	< 0.17		
Light transmission (%)	> 45	> 80	> 80
Center height(mm)	75 ~ 100		
Dimension(mm)	130x130x200		

* Some limitations apply.

**Tuning range can significantly vary depending on FBG specifications.

*** Recommended values. The ambient environment temperature can limit the performance, incl. the tuning range.