



Electro Optical Components, Inc.

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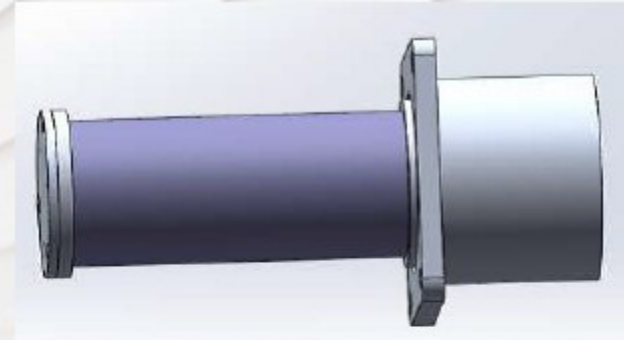
TDLAS Module Selector

Laser optical unit (including LD, PD, gas chamber)

Based on its own rich experience in optical design and packaging, combined with industry application experience, Wing chip launches ultra-small optical unit components based on the simple wave gas chamber platform, which integrates the light source, photoelectric conversion and gas chamber. The products are stable and reliable, which makes it easy for customers to quickly launch spectral sensors and analytical instruments.

Features:

- 1, the optical path has the ability to self-correct
- 2, the product is stable, reliable (not sensitive to temperature, deformation)
- 3, waterproof, dustproof



- 4, Low cost
- 5, long product life (maintenance-free, no calibration)
- 6, small size, excellent performance
- 7, low power consumption

Serial number	Type	Detecting target gas	Operating temperature (° C)	Size (mm)	Degree of integration	Sensitivity(ppm)	Apply
1	Laser	CH4	-20~60	Φ40L: 110	Laser,PD, gas chamber	20-50	Methane leak detection
2	Laser	O2	-20~60	Φ40L: 110	Laser,PD, gas chamber	500-100	Oxygen online monitorin
3	Laser	CO/CO2	-20~60	Φ40L: 110	Laser,PD, gas chamber	30-60	COx Online Monitoring
4	Laser	H2O	-20~60	Φ40L: 140	Laser,PD, gas chamber	.2-5	Laser dew point or water vapor online monitoring
5	Laser	H2O	-20~60	Φ40L: 80	Laser,PD, gas chamber	.3-8	Laser dew point or water vapor online monitoring
6	Laser	NH3	-20~60	Φ40L: 140	Laser,PD, gas chamber	.2-5	Ammonia online monitoring
7	Laser	H2S	-20~60	200*120*60	Laser,PD, gas chamber	.1-2	H2S online monitoring
8	Laser	C2H6	-20~60	200*120*60	Laser,PD, gas chamber	.1-2	Ethane online monitoring