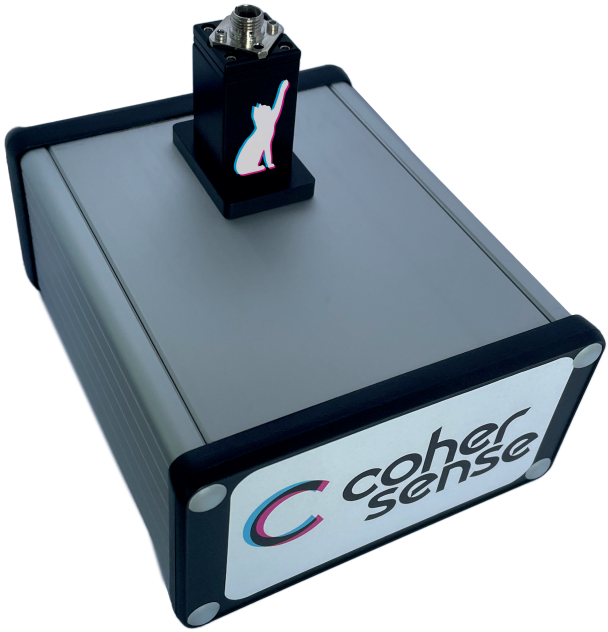

THE MULTIMETER FOR LASERS

Power • Wavelength • Bandwidth – All at Once

- ✓ Compact & Portable
- ✓ Power Range: 0.1 µW – 100 mW
- ✓ USB 2.0 Interface
- ✓ Windows 10/11

Data Rate: 0.5 Hz – 7 MHz
Dynamic Range: 120 dB
Fiber Connectors: FC-(A)PC, ST
Dimensions: 120 x 103 x 103 mm

KEY APPLICATIONS

- Laser Research & QC
- Optical Strain Measurement
- Spectroscopy
- Temperature & Gas Sensing
- Quantum Computing
- Plasma Monitoring

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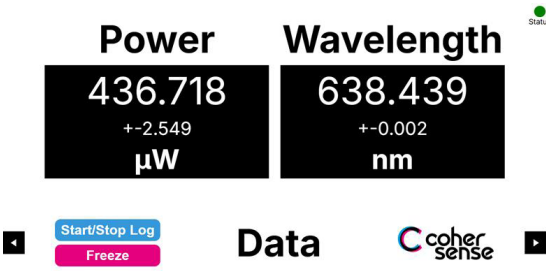
Solution	Power Meter Only	Laser Wavemeter	Optical Spectrum Analyzer (OSA)	KISA Sensor
Wavelength Accuracy	None	Very High	Ultra high	**High (sub-pm)**
Intensity Measurement	Yes (but unfiltered)	Not optimized	Yes	**Direct + Precise**
Cost	Low	Expensive	Very Expensive	**Affordable**
Integration	Limited Scope	Frequent Calibration	Complex + Bulky	**Plug-and-play**



Parameter	Specification
Wavelength Range	400 – 1100 nm*
Power Range	0.1 µW – 100 mW
Dynamic Range	120 dB
Free Spectral Range (FSR)	1 pm – 700 nm*
Wavelength Resolution	FSR/3000*
Wavelength Precision	FSR/1000*
Signal-to-Noise Ratio	1,000,000:1 (24-bit)
Data Rate	0.5 Hz – 7 MHz
Size	120 x 103 x 103 mm
Weight	385 g
Interface	ModbusTCP, USB, SPI & Touch Screen

*customizable

Why Choose a KISA Sensor?

Sr. Scientist: "We needed something to track wavelength and intensity without buying two separate systems. KISA gives us real-time data with no overhead."

Quantum Engineer: "Any frequency drift can kill our signal. KISAs act as our front-line monitor during laser lock and experiment runtime."

Lab Manager: "It's cost-effective and easy to deploy across multiple setups without training everyone to use an OSA."

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