



Customized Optical Power Meter Chips from Original Manufacturer

Article Overview

You can source custom optical power meter chips from specialized manufacturers like GoPhotonics, Thorlabs, Keysight, VIAVI, and other top-ranked photonics companies.

Custom Manufacturing Options

GoPhotonics offers a platform to request custom optical power meter solutions from multiple manufacturers. You can submit your specifications, upload supporting files, and receive quotations from up to five companies simultaneously, enabling tailored solutions for your application . This is ideal for custom sensor chips, specialized wavelength calibration, or integration into unique optical systems.

Leading Manufacturers

Several established companies provide both standard and customizable optical power meters:

- o Thorlabs: Offers a wide range of optical power and energy meters, including single- and dual-channel consoles, wireless meters, and fiber optic power meters. Their sensors are NIST-traceable and can be paired with consoles for flexible calibration and multi-sensor use .
- o Keysight Technologies: Provides high-speed, multi-channel optical power meters with SCPI control and automation software. Their systems support InGaAs sensors and can be configured for custom applications, including high-throughput production testing .
- o VIAVI Solutions: Supplies both lab-grade and field-deployable optical power meters, including wavelength-selective and photonic-layer meters. They offer compact, USB-connected devices suitable for integration into custom setups .

Additional Manufacturers

According to industry rankings, other notable optical power meter manufacturers include L-com, Novanta Photonics, and Agiltron Inc., which may also provide custom solutions or OEM services for optical sensor chips . These companies specialize in fiber-optic communications, laser measurement, and photonic component development.

Considerations for Custom Chips

When seeking a custom optical power meter chip, consider:

- o Wavelength range: Ensure the sensor is calibrated for your specific optical wavelengths.



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- o Dynamic range and sensitivity: Match the chip's detection range to your application's power levels.
- o Integration: Determine whether the chip will be standalone or integrated into a larger system.
- o Calibration and traceability: NIST-traceable calibration ensures measurement accuracy.
- o Support and scalability: Evaluate the manufacturer's ability to provide technical support and scale production if needed. By leveraging platforms like GoPhotonics or contacting leading manufacturers directly, you can obtain custom optical power meter chips tailored to your specific research, production, or field-testing requirements.

Explore 151 top manufacturers and suppliers of Custom Optics in our comprehensive photonics buyers' guide. A custom optic refers

Optical Power Meter Dimension OPM series modules include High-Performance series, high-speed series, high

Benchtop optical power meters provide accurate measurements of optical power and energy by reading the output of calibrated

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Thorlabs" expanding line of optical power and energy meters includes a large selection of sensor heads, single- and dual-channel

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