

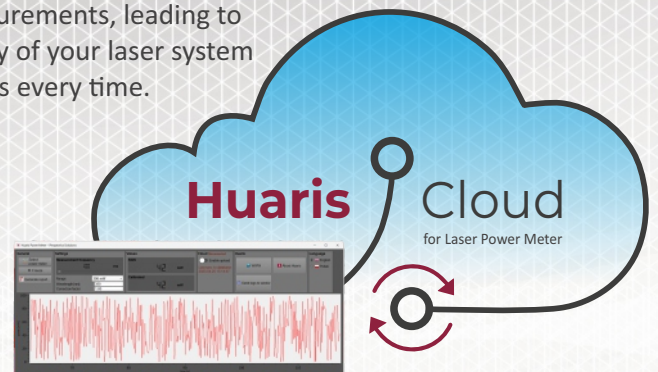
## Laser Power Meter



### Benefits by using Huaris laser power meter

Huaris laser power meter HS2515-U offers quick and easy measurements, leading to valuable time and cost savings. Don't compromise on the quality of your laser system – trust our power meter to deliver consistent and reliable results every time.

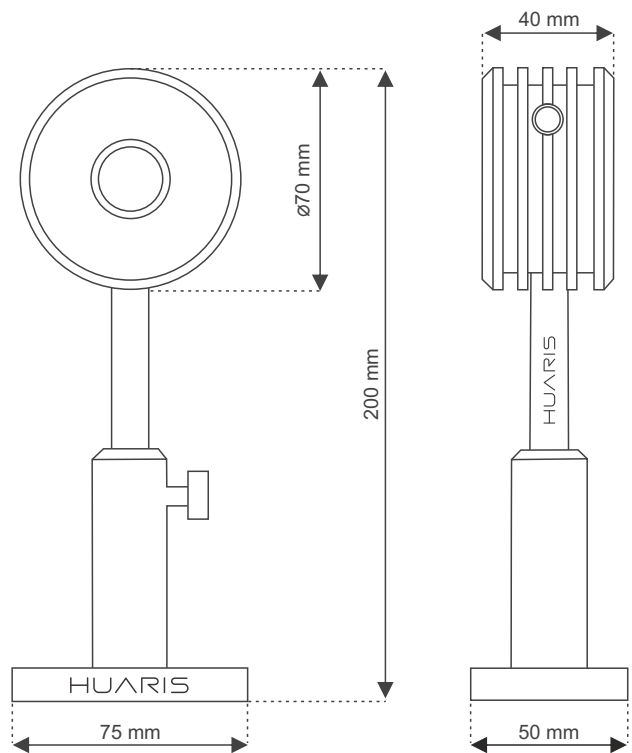
- Improved accuracy and reliability in laser power measurement
- Enhanced laser system performance and efficiency
- Reduced waste and increased product quality
- Increased safety and reduced risk of accidents
- Time and cost savings due to quick and easy measurements



- Store data for a long period of time
- The ability to automatically detect trends using AI
- Advanced reporting tools

## Technical specification

Model	HS2515-U
Power Range	10 mW - 15 W
Active Area Diameter	22 mm
Probe Coating Film	Broadband coating
Probe Material	Thermopile
Wavelength Range	0.19- 25 $\mu$ m
Max. Average Power Density	15 kW/cm <sup>2</sup>
Sensitivity	10 mW
Response Time (0-90%)	<1 sec.
Linearity	$\pm$ 1%
Overall Weight	1.454 kg
Cooling Method	Air cooling
Computer Interface	USB 2.0
Instrument Power	100-240 VAC, 50/60 Hz, DC 12V-3.34A
Device temp. during operation	5°C - 45°C (41°F- 113°F)
Device temp. during storage	-20°C - 70°C (-4°F- 158°F)
Warranty Period	2 years



## Features of HS2515-U Laser Power Meter

### Accurate Measurements

A good power meter should provide precise and accurate measurements of laser power, regardless of the measurement conditions and the environment. Thanks to this, it is possible to achieve optimal performance of the laser system.

### Wide Measuring Range

The power meter should be capable of measuring a wide range of laser power to ensure measurement versatility and enable it to be used in a variety of applications

### Ease of use

A good power meter should have an intuitive user interface and features that make measurements easy. This ensures that users can operate the meter with ease, leading to more accurate and reliable measurements.

### Huaris Cloud

Experience the power of our cloud-based laser power meter. With long-term data storage capabilities, you can securely store your laser power measurements for extended periods. Our advanced cloud service not only allows you to access your data anytime, anywhere but also detects trends, enabling you to make data-driven decisions. With comprehensive and insightful reports, you'll gain valuable insights into your laser's performance. Stay informed, analyze trends, and optimize your laser operations with ease.

### Areas of application

The compact and portable Huaris Laser power meter offers a range of measurement possibilities that can tackle any application, including field, laboratory, and production environments. The high-precision allows accurate and repeatable measurements in research and development applications. It is also ideal for use on the production lines or in manufacturing environments. With built-in calibration and customizable settings, the meter is very easy to use.

### Usability of software

is a crucial aspect of a good power meter, as it provides the necessary tools to analyze and interpret the data collected by the device. A confident and user-friendly software can enhance the capabilities of the power meter, allowing users to optimize laser parameters and improve the efficiency of their applications. With dedicated software, users can easily control and configure the power meter, analyze data, and generate reports, making it an essential part of any laser power measurement system.

### Fast Sampling

The Huaris Laser power meter offers fast sampling capabilities. With high-speed sampling rates, the power meter can perform fast measurement, enabling precise measurement and analysis. This feature is especially useful in materials processing applications where laser power needs to be optimized for specific material types and thicknesses.

### Solid construction

The power meter should be designed with durable materials and high-quality components to ensure reliable and accurate measurements even in challenging environments. Additional protective features, such as protection against thermal overheating, ensure the safety of users and increase the life of the device.

### Reliable compact tool

A compact laser power meter is a handy and small device designed for convenient use in the field. It offers accurate and reliable measurements of laser power and energy, and also data logging. With its ease of use and flexibility, the Huaris laser power meter is a versatile tool for a wide range of applications, including research, manufacturing, and field testing.



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