

Wireless Thermopile Laser Power Meter

BIM-761x

This detector delivers absolute power measurements up to 250W. Measurement data can be transmitted via BT/USB to PCs or mobile devices and displayed in real time through dedicated client software.

Each unit is individually calibrated, with calibration data stored in its integrated EEPROM. A test report is provided upon delivery.

We also offer calibration services. For optimal accuracy, we recommend annual recalibration.



Features

- Provides analog output and external triggering
- Supports Bluetooth and USB communication
- Compatible with PC software and mobile apps
- Active cooling ensures stable and reliable data

Power measurement for the following types of lasers

- Fiber lasers
- CO₂ lasers
- Laser diodes
- Excimer lasers

What's included

#	Part Description	Model	Qty.
1	Wireless Thermopile Laser Power Meter	BIM-7614-0250F	1
2	12V/1A Power Adapter	BC-105150	1
3	Mini USB Data Cable	BC-105147	1
4	1.5m SMA-to-BNC connection Cable	BC-105165	1
5	Packing box	BC-135016	1
6	Calibration report (Including QRCode for download of software & manual)		1

Specifications

Model		BIM-7614-0250F
Detector Material		Thermopile
Wavelength Range		0.19-20μm
Maximum Average Power Density		10kW/cm ² (1064nm/10W/CW)
		3.2kW/cm ² (10640nm/10W/CW)
Maximum Energy Density		1J/cm ² (1064nm,7ns,10Hz)
		9J/cm ² ((266nm,7ns,10Hz))
Maximum Average Power (typical value)		200W (continuous) ; 250W (<1minute)
Power Range		0.2-250W
Calibration Uncertainty		±5%
Response Time		5s
Analog Output Port		Output 0-5v voltage
Communication Mode		Bluetooth、USB
External Trigger Function		Support
Effective Detection Diameter		25mm
Cooling		Air cooling

Dimensions (mm)

