

# Optical Power Meter

## BIM-7001

The BIM-7001 is a high-performance optical power meter that serves as an ideal choice for both laboratory and field testing. Compatible with digital BIM-71 series photodetectors or BIM-72 series thermopile detectors, it provides real-time power readings.

Equipped with a large-size LCD display, the BIM-7001 features an intelligent backlight and high-speed, high-definition digital display for clear visibility.

Additionally, it includes a USB port for seamless data acquisition and display via BPM software, enabling users to monitor and analyze real-time optical power variations with ease.



## Features

- Portable & Benchtop Design: Suitable for both handheld and desktop use
- Dual Power Modes: Supports built-in battery or external power supply
- Multi-Detector Compatibility: Works with both digital and analog detectors
- Professional Monitoring: Over-range alarm
- Multiple Units: Measures in W, dBm, and dB
- Smart Automation: Auto-ranging, auto-backlight, and auto-power-off
- USB Connectivity: Enables digital data acquisition via BPM software

## Applications

- Field-portable power measurement
- Embedded power measurement in production lines

## What's included

#	Part Description	Model	Qty.
1	Optical Power Meter	BIM-7001	1
2	Power supply adapter, 6VDC, 1A	BC-105151	1
3	USB2.0 cable (Type A to A, Length 1.5m)	BC-105103	1
4	Packing box	BC-135015	1

## Specifications

Model	BIM-7001
Compatible Detector	BIM-71 series photoelectric detectors; BIM-72 series thermopile detectors
Communication Interface	USB2.0
LCD Type	80 × 54mm LCD segment display screen
Applicable Battery Types	1.2v batteries 2pcs
External Power Source	Input: 100 - 240 VAC; output: 6VDC, 1A
Auto power-off	10 min
Intelligent Back-light	Support
Weight	350 g
Dimensions	210mm × 120mm × 36mm

## Dimensions (mm)

