

# 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)

