

## Pen Laser Power Meter

## ATM2000

### Features

- Small size, easy to carry
- Built-in high-capacity lithium battery, can measure 10,000 times
- Built-in 1000 times attenuation film, can measure high power laser
- High-definition large-size OLED screen
- Spot size:  $\phi 3\text{mm}$
- Built-in alarm buzzer

### Application

- Laser manufacturer
- Optical module manufacturers
- Optical power detection of optics and spectrometers in scientific research institutes
- Optical processing center
- LED manufacturers
- UV LEDs

### Description

The ATM2000 is a portable, easy-to-use power meter developed for everyday production environments with low power lasers. It is very small, like a pen size, easy to carry. And it can go deep into tiny areas to detect laser light.

The ATM2000 Pen Laser Power Meter uses a large OLED display to show the measured power. A built-in lithium battery provides the ATM2000 with current for approximately 10,000 measurements.

ATM2000 also has a built-in 1000 times attenuation film, which can be switched to use when measuring stronger laser power

| Model      | Remarks   |
|------------|---|
| ATM2000    | Basic model, measurement wavelength range: 400-1100nm         |
| ATM2000UV  | Ultraviolet version, measurement wavelength range: 190-1100nm |
| ATM2000NIR | Near-infrared version, measuring wavelength range: 900-1700nm |
| ATM2000IR  | Infrared version, measurement wavelength range: 900-2500nm    |



## 1. Performance parameter

| Serial No. | Product Model                    | ATM2000  | ATM2000UV  | ATM2000NIR | ATM2000IR  |
|------------|----------------------------------|--|------------|------------|------------|
| 1          | Detection wavelength range       | 400-1100nm   | 190-1100nm | 900-1700nm | 900-2500nm |
| 2          | Detection error                  | <0.1%  | <0.1%      | <0.1%      | <0.1%      |
| 3          | Detector Cooling                 | No   | No         | No         | Yes        |
| 4          | Detector cooling temperature     | NA   | NA         | NA         | -30°C      |
| 5          | Detection photosensitive surface | Ø3mm   | Ø3mm       | Ø3mm       | Ø3mm       |
| 6          | Attenuators                      | 1000x  |            |            |            |
| 7          | Display screen                   | 1" OLED  |            |            |            |
| 8          | Built-in storage system          | can store 10,000 measurement results               |            |            |            |
| 9          | External interface               | USB2.0   |            |            |            |
| 10         | Physical buttons                 | Power button, detection button, gear switch button |            |            |            |
| 11         | waterproof grade                 | IP54   |            |            |            |
| 12         | Heat dissipation method          | Passive heat dissipation                           |            |            |            |
| 13         | Battery life                     | 10,000 tests                                       |            |            |            |
| 14         | Weight                           | 20g  | 50g        | 70g        | 70g        |
| 15         | Working temperature              | -20 ~ 50°C   |            |            |            |
| 16         | Storage temperature              | -30 ~ 70°C   |            |            |            |

## 2. ATM2000 Dimensions

