

Laser Power Meter



Laser Power Meter: PM-100 & PM-300

These photodetector based laser power meters are pre-calibrated for five common wavelengths, (325, 442, 488, 515, 633 nm). The PM-100 can measure up to 100mW and the PM-300 up to 300mW. Since they are photodetector based the response time is very quick, making them ideal for tuning lasers to full power. Both of these power meters were designed for easy operation and to be quite rugged. Our own in-house and field service technicians use them exclusively when building/testing our visible and ultraviolet laser systems.



Laser Power Meter: PT-3000

The PT-3000 is a portable, easy-to-use and highly accurate analog laser power meter. Since it is calorimeter based it features a wide wavelength measurement range (190nm–40 μ m) and 6 different scale ranges from 0.01W to 3.0W. These features make it an ideal general purpose power meter for the lab with numerous lasers at various wavelengths and output powers.

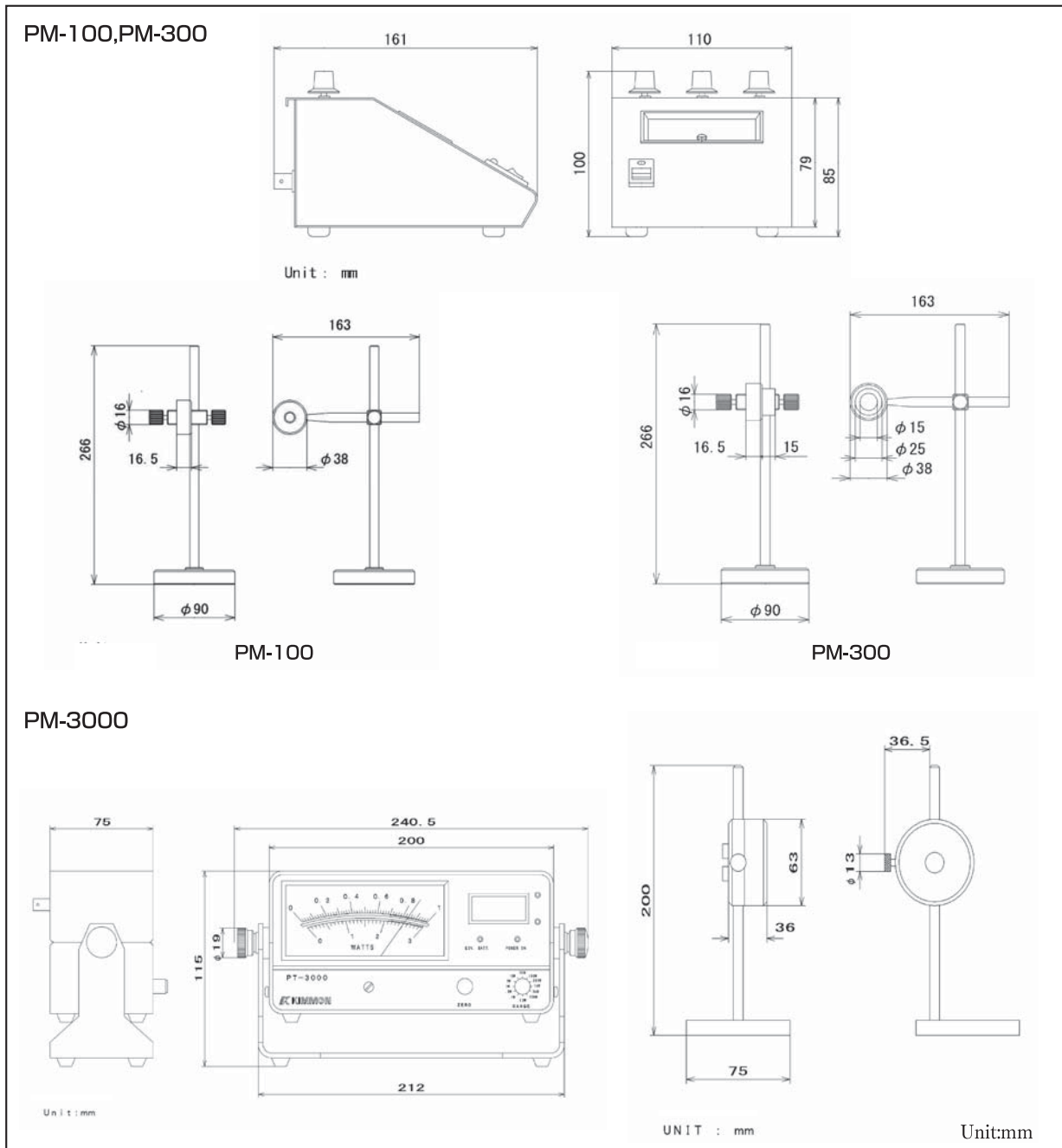
For ease of operation the unit comes equipped with a pivoting stand that can lock into any position over a full 360° and it can either be operated on battery or the optional AC/DC adaptor.

Power Meter Specifications

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|---------------------|--------------------------|---------------------------|-----------|
| Model | PT-3000 | PM-100 | PM-300 |
| Spectral range | 190nm~40 μ m | 325, 442, 488, 515, 633nm | |
| Power range | 0.01~3W | 0.01~100mW | 1.0~300mW |
| Detector (Aperture) | 19mm ϕ | 10mm ϕ | |
| Output | Analog Output (130mV/W) | Analog Output (0.5V Max) | |
| Input Voltage | Standard AC/DC converter | Battery (DC6.0V) | |

* Specifications subject to change without notice.

Dimensions



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