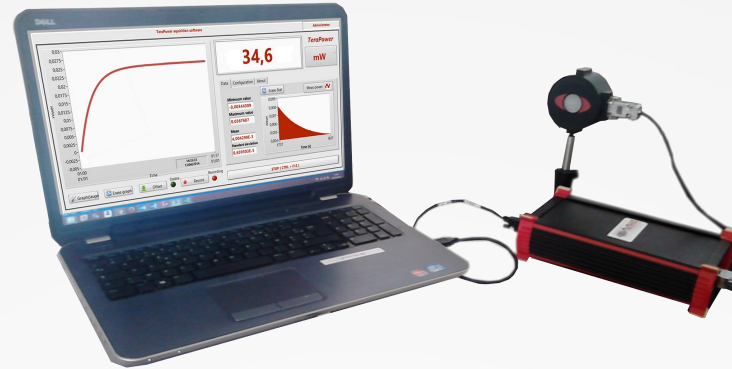


## An unique tool for power metrology

Nethis offers the TeraPower, an innovative universal optical powermeter working in the THz, Infrared, visible or UV spectral domain. This unique tool covers the largest spectral band from 0.1 to 3000  $\mu\text{m}$  and is scalable from 50  $\mu\text{W}$  to 1 Watt optical power.

The TeraPower is **easy-to-use**, **easy-to-plug** and is provided with a complete PC interface. The software visualizes, measures and records real time optical power variation in the simplest way.



### Specifications

Spectral range	UV, IR, THz, MS (Select your own spectral range)
Supply Voltage/Plug-in	USB
Minimum measurable power	50 $\mu\text{W}$
Maximum measurable power	1 W
Measurement error	10 $\mu\text{W}$
Sensitive detection aperture	25 mm
Software	Acquisition, treatment and recording function
Working temperature	Room temperature
Product size (mm)	60 x 60 x 70



### Applications

Real time laser beam power analysis (CW and pulsed sources)

Transmittance and reflectance measurement of materials

Laser alignment and detection tool

### Key benefits

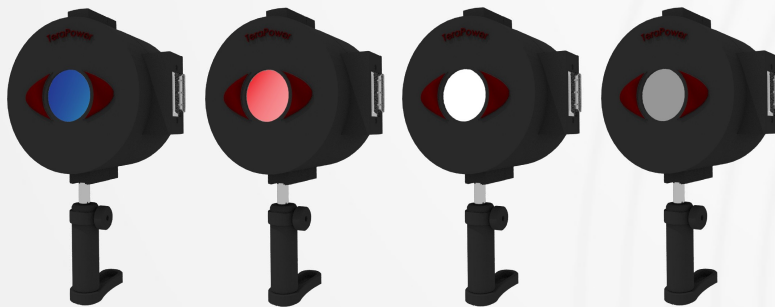
Broadband spectral range (0,1 to 3000  $\mu\text{m}$ )

Large detector area for high divergency beam

(millimeter waves, fiber output, diffraction setup, ...)

Suited to high-power lasers sources

(Excimer, solid state, OPA, QCL, CO2, Gunn diode, BWO, ...)



**TeraPower-UV**  
0,05 - 1  $\mu\text{m}$

**TeraPower-IR**  
1,1 - 25  $\mu\text{m}$

**TeraPower-THz**  
25 - 3000  $\mu\text{m}$

**TeraPower-MS**  
0,1 - 3000  $\mu\text{m}$

### Accessories

