



NeTHIS
New TeraHertz Imaging Systems

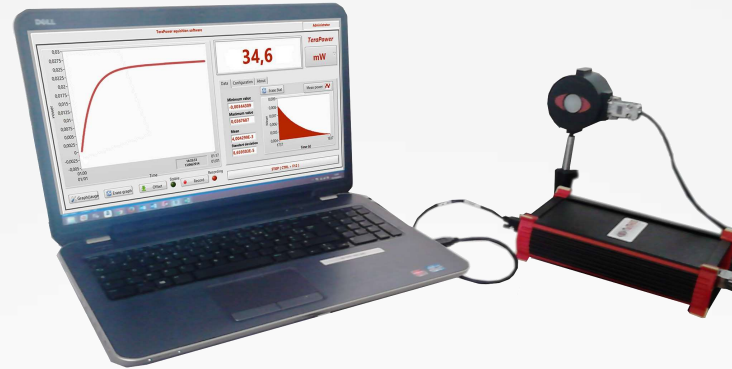
TeraPower Series

The universal laser powermeter

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 μm** and is scalable from **50 μW 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 μW
Maximum measurable power	1 W
Measurement error	10 μW
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 μm**)

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 μm

TeraPower-IR
1,1 - 25 μm

TeraPower-THz
25 - 3000 μm

TeraPower-MS
0,1 - 3000 μm

Accessories

