

laser energy meter



LPE-1601

product description

The energy meter host has a 320x240 resolution color screen. Advanced electronic circuit and digital signal processing technology are adopted, including a circuit specially designed to suppress electromagnetic interference. It has the advantages of high sensitivity, wide range, good signal-to-noise ratio, applicable precision and fast response time. It can be used with P-series pyroelectric detector to measure laser energy.

product parameter

LPE-1601 energy meter parameter

spectral response range	190 - 2200nm
model	LPE-1601
receiving aperture	Φ20
laser energy testing range	1mJ~500mJ,1J..10J 20J 80J
the wavelength of calibration	1064nm、532nm or other wavelengths specified by the user
laser energy measurement error	4%
minimum energy display resolution	10uJ
the laser pulse frequency range which can be measured	1~100Hz
applicable laser pulse width range	1ns~200us,ms
computer interface	USB (optional extra charge)
adapter power supply	AC 220V (1±10%) V, power dissipation≤ 2.5W
power source	Battery type: Lithium battery, continuous working time: ≥4h
Structural characteristics	portable
maximum laser peak power density	100MW/cm ²
damage threshold	10J/cm ²
the response time	2s-5s
overall dimensions	detector (H) : 75 display (L×H) : 178*110
maximum weight	detector: ≤0.5kg, display: ≤0.5kg
the warranty time	One year

details show

