



*peak*Detect

*peak*Detect is ideal for verifying the performance of ultrashort pulse lasers - especially when focusing on peak power sensitive applications and integrated systems for microscopy, micro-machining, medical diagnostics, or surgery.

*peak*Detect is designed to provide a simple and cost effective way of verifying the peak power, pulse width, and average power of femtosecond and picosecond pulses in the near infrared spectral region. Based on the calibration, *peak*Detect will provide an estimate for the pulse width by measuring both peak power as well as average power. It is convenient for repetitive checks of the peak power and confirmation of the pulse duration. Its small form factor and ease of use make the *peak*Detect a great little companion for day to day laser verification.

- Simple peak power measurement
- Convenient PC user interface
- Reliable ultrashort pulse monitoring
- Cost effective pulse width checking

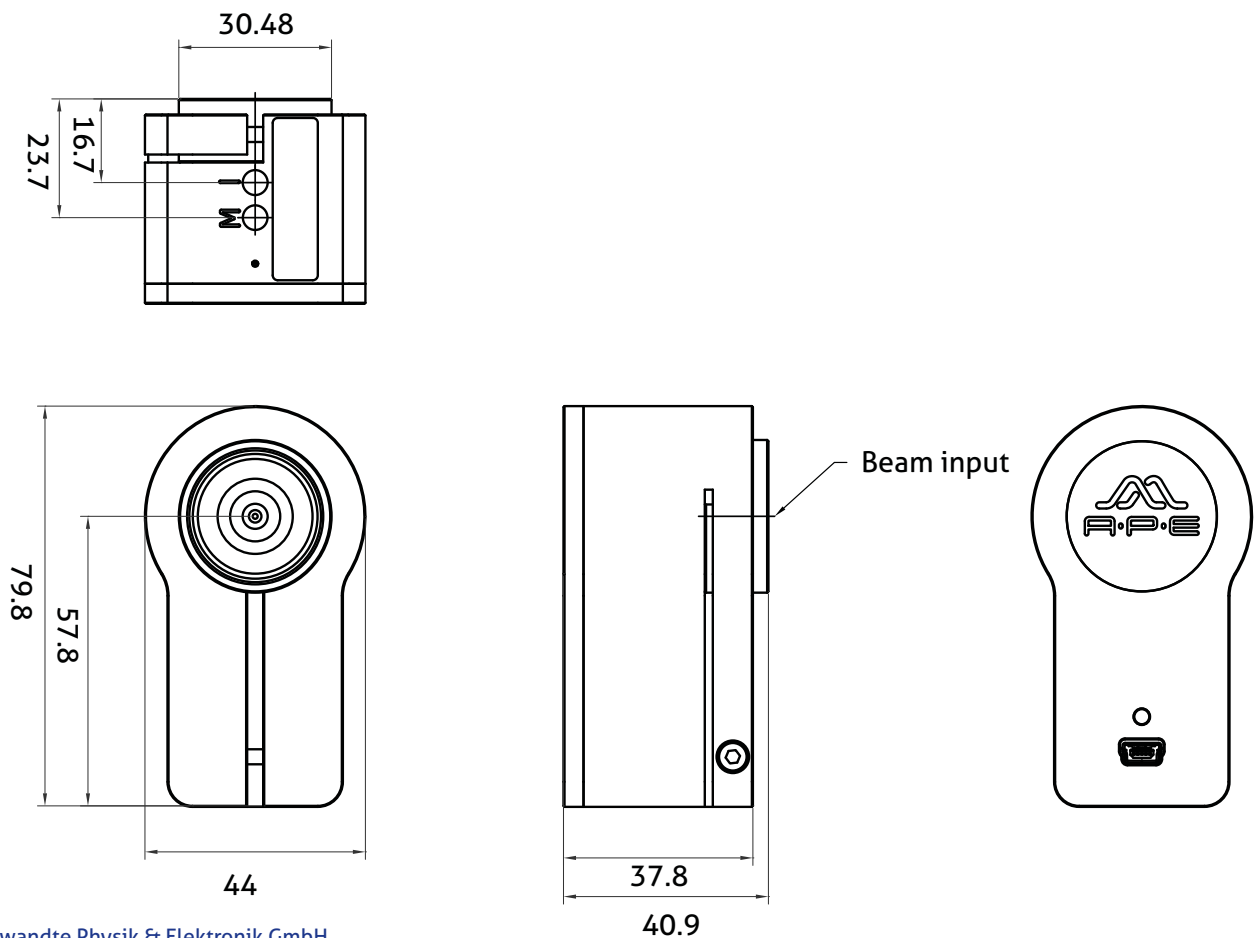


Specifications

Wavelength range	700 ... 1100 nm
Pulse width range	100 fs ... 5 ps
Repetition rate	1 kHz ... 1 MHz
Pulse energy	> 0.25 μJ^1)
Pulse width repeatability	$\pm 7.5 \%$
Input polarization	linear / any orientation
Power supply	via USB connector
Computer interface	USB / Java based software

1) From a collimated beam with a diameter of 2 ... 4 mm

Dimensions (in mm)



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A-P-E follows a policy of continued product improvement.
Therefore, specifications are subject to change without notice.
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