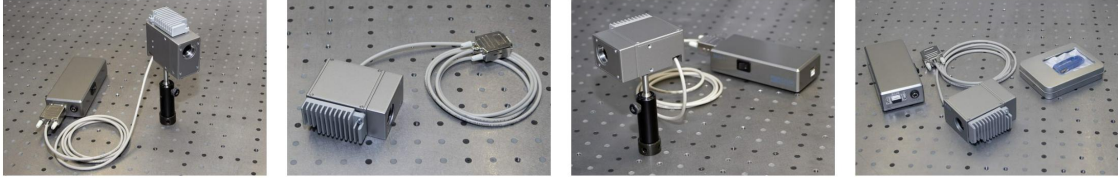


FEATURES

SOLARLS designs and manufactures a new type of laser power attenuator. From today you may get motorized laser power attenuators for CW, Qsw, and ultrafast lasers.

Motorized laser power attenuator model LA could be produced for use in the UV, visible, and NIR spectral ranges from 250 nm to 2000 nm. These devices feature a clear aperture up to 18mm that is dedicated for considerable beam application.



All optical elements of laser power attenuator model LA are made for high LIDT and provide a stable and reliable performance.

SPECIFICATIONS

Laser power attenuator	LA			
	1064nm / 1030nm	532nm / 515nm	355nm / 343nm	266nm / 257nm
Clear aperture	Ø 18 mm			
Max. laser beam diameter	Ø 15 mm			
Divergence	2 mrad			
Optical design	λ/2 ZO Waveplate + High contrast brewster type thin film polarizer			
Attenuation range	0.1..98%	0.1..98%	0.2..96%	0.5..95%
LIDT	>10 J/cm ²	>5 J/cm ²	>3 J/cm ²	>2 J/cm ²
Close to open time	<0.2s			
Contrast	1:1000	1:1000	1:500	1:200
Input voltage	DC 12V			
Control	Software			
Mounting holes	M4			

APPLICATIONS

- Researches;
- Laser processing machines;
- Micromachining and nanostructuring
- Additive technologies
- Multiphoton polymerization