

Amphos2000 Series

Highpower Ultrafast Lasers
for Industrial Applications



- 300 W
- 1 mJ
- 900 fs
- 40 MHz
- SHG, THG

LASERTYPE	2101	2201	2301
Power	100 W	200 W	300 W
Energy	500 μ J	500 μ J	500 μ J
Pulse Length	0.9 - 10 ps	0.9 - 10 ps	0.9 - 10 ps
Reprate	0.2 - 40 MHz	0.4 - 40 MHz	0.6 - 40 MHz
Quality M ²	< 1.3	< 1.3	< 1.3
Wavelength	1030 nm	1030 nm	1030 nm

Options

Higher energy, SHG, THG



FEATURES

- Flexible Pulse Duration
- Flexible Pulse Burst
- Broad Parameter Range
- Fast Parameter change
- Synchronization



APPLICATIONS

- Micromachining
- Scribing, Dicing
- Cutting, Drilling
- Nanostructuring
- Modification



MATERIALS

- Glass, Metal
- Ceramic
- CFRP
- Plastics
- Semiconductor



Laser Head

- Width: 600 mm
- Height: 194 mm
- Length: 720 mm

