

Amphos5000 Series

Highpower Ultrafast Lasers
for Scientific Applications



- 1000 W
- 20 mJ
- 1.5 ps
- 40 MHz

LASERTYPE	5102	5106	5206
Power	800 W	800 W	1000 W
Energy	10 mJ	20 mJ	20 mJ
Pulse Length	1.5 ps	1.5 ps	1.5 ps
Reprate	80 kHz	40 kHz	50 kHz
Quality M ²	< 1.5	< 1.5	< 1.5
Wavelength	1030 nm	1030 nm	1030 nm

Options

Higher energy, SHG



FEATURES

Flexible Pulse Duration
High Pulse Energy
Broad Parameter Range
Synchronization



OPTIONS

Higher Pulse Energy
Longer Pulsewidth
Higher Repetition Rate
Shorter Pulses



APPLICATIONS

OPCPA Pumping
Attosecond Physics
FEL
Materials Processing



Laser Head

Width: 2360 mm
Height: 249 mm
Length: 1110 mm

