

# Amphos3000 Series

Highpower Ultrafast Lasers  
for Scientific Applications



- 400 W
- 4 mJ
- 1 ps
- 40 MHz
- SHG, THG

| LASERTYPE              | 3204          | 3304           | 3404         |
|------------------------|---------------|----------------|--------------|
| Power                  | 200 W         | 300 W          | 400 W        |
| Energy                 | 4 mJ          | 4 mJ           | 4 mJ         |
| Pulse Length           | 1 ps - 10 ps  | 1 ps - 10 ps   | 1 ps - 10 ps |
| Reprate                | 0.05 - 40 MHz | 0.075 - 40 MHz | 0.1 - 40 MHz |
| Quality M <sup>2</sup> | < 1.3         | < 1.3          | < 1.3        |
| Wavelength             | 1030 nm       | 1030 nm        | 1030 nm      |

## Options

Higher energy, SHG, THG



### FEATURES

Flexible Pulse Duration  
High Pulse Energy  
Broad Parameter Range  
Burst Mode



### OPTIONS

Higher Pulse Energy  
Longer Pulsewidth  
Higher Repetition Rate  
Shorter Pulses



### APPLICATIONS

OPCPA Pumping  
Attosecond Physics  
HHG Processes  
Materials Processing



### Laser Head

Width: 720 mm  
Height: 249 mm  
Length: 1110 mm

