

Amphos8000 Series

Compact Highpower Ultrafast Laser



- 200 W
- 5 mJ
- 1 ps

Amphos8000



Member of the TRUMPF Group



Parameter	Amphos8005	Amphos8101	Amphos8205
Average Power	50 W	100 W	200 W
Pulse Energy	5 mJ	1 mJ	5 mJ
Pulse Duration	1 ps	1 ps	1 ps
Wavelength	1030 nm	1030 nm	1030 nm
Beam Quality M^2	1.2	1.2	1.2



OPTIONS

Pulse on Demand

SHG / THG

Burst Mode

Tuneable Pulse Duration



KEY FEATURES

Compact Housing

High Energy

Robust Design

Modular Setup



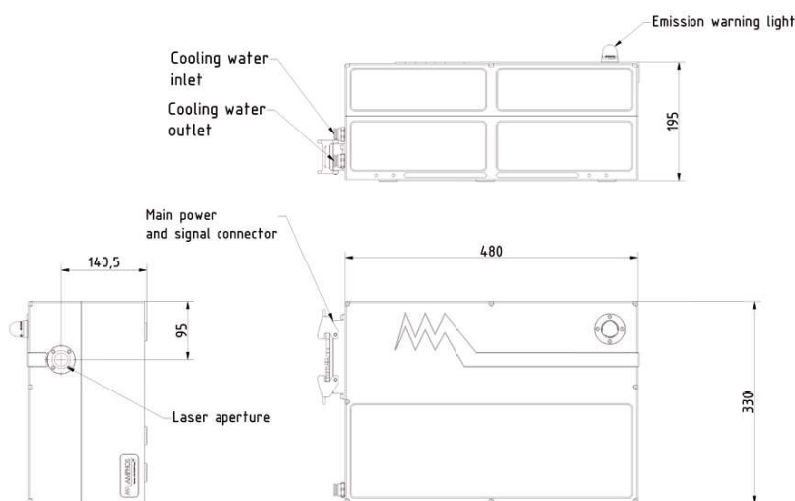
APPLICATIONS

OPCPA Pumping

HHG Generation

X-Ray Generation

Materials Processing



Higher pulse energy might require additional compressor

BEAM PROFILE AND BEAM QUALITY MEASUREMENT

