

Taranis

high power laser gain module



FIBERCRYST PRODUCT : TARANIS-Nd-Air

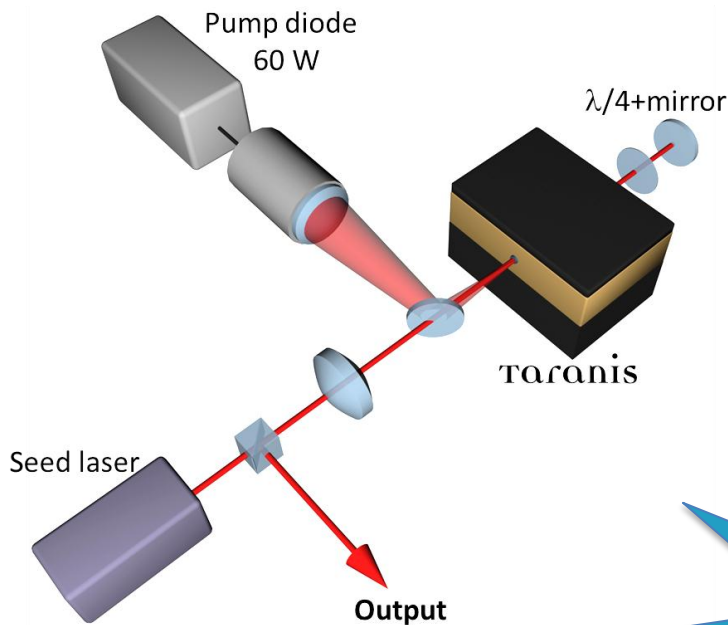
- **GAIN MEDIA :**
Nd:YAG fiber 1x50 mm AR/AR
- **FOOTPRINT :**
100x50 mm
- **HEAT EXTRACTION :**
Air dissipator with fan

APPLICATIONS :



SYSTEM :

High energy MOPA system



- 60 μJ /pulse
- 1 kHz
- 450 ps

RESULTS :

- Peak power : **6 MW**
- Energy per pulse : **2.7 mJ**
- Pulse duration : **450 ps**
- M^2 : 1.1
- Polarization : linear
- 1064 nm

New result
UV conversion
500 μJ at 266 nm !

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