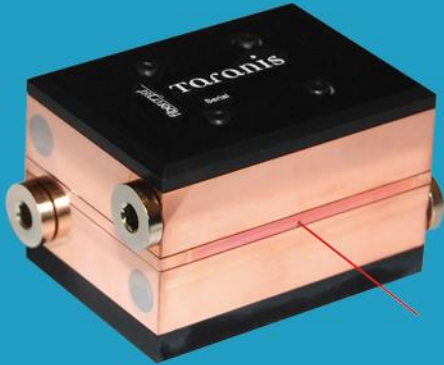


# Taronis

high power laser gain module



## FIBERCRYST PRODUCT :

NDYG-PL0002-W2N

- **GAIN MEDIA :**  
Nd:YAG fiber 1x50 mm AR/AR
- **FOOTPRINT :**  
70x50 mm
- **HEAT EXTRACTION :**  
Water boxes

## APPLICATIONS :



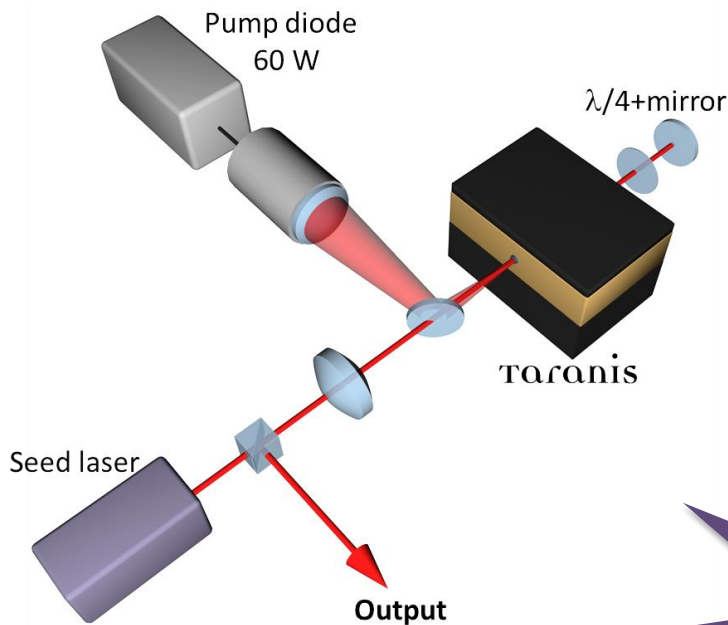
MEDICAL  
APPLICATIONS



LIDAR  
INSTRUMENTATION

## SYSTEM :

High energy MOPA  
system



- 60  $\mu\text{J}$ /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

**UV conversion  
500  $\mu\text{J}$  at 266 nm !**

**fibercryst**

### FIBERCRYST S.A.S

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## COLLABORATION WITH

