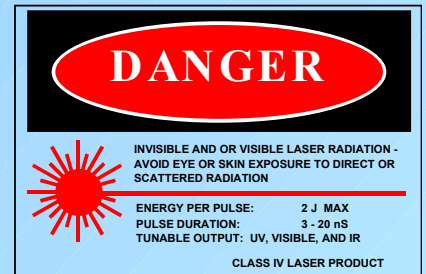


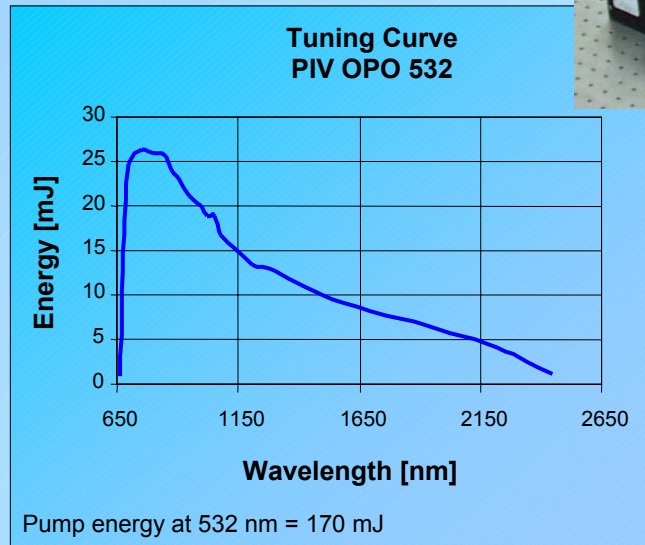
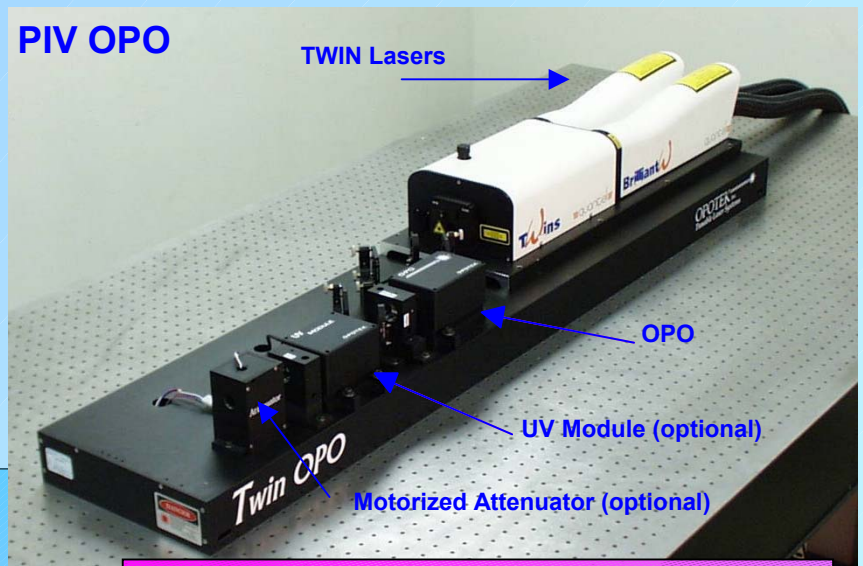
# PIV OPO 532



Particle Image Velocimetry at any wavelength from 680 nm to > 2µm  
 Double Pulse Tunable Laser System: a single OPO pumped by two lasers

- Integrated System
- Tuning 680 - 2200 nm
- UV Option 350-480 nm
- Computer Control

**Specs**  
 The tuning curve of the PIV OPO 532 is presented in the figure below. The spectral linewidth is about 15 cm<sup>-1</sup>.



The system generates pairs of pulses where the time between the pulses can be varied by the user from a few ns to ms according to the application requirements. The pulse-pair repetition rate can be controlled from a single pulse to 10Hz.

**Tuning in the UV**  
 The wavelength can be extended to cover the range of 350 – 480 nm by doubling the output of the OPO.

**Motorized Attenuator (optional)**  
 The output energy can be controlled with an attenuator that incorporates a cube polarizer mounted on a motorized rotation stage. The attenuator allows control of the output energy while running the lasers at full power for optimized stability.

