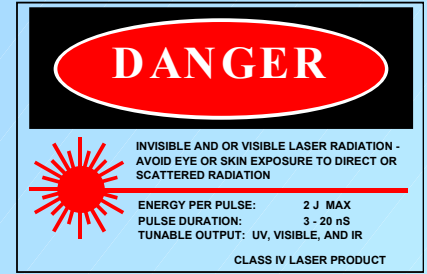
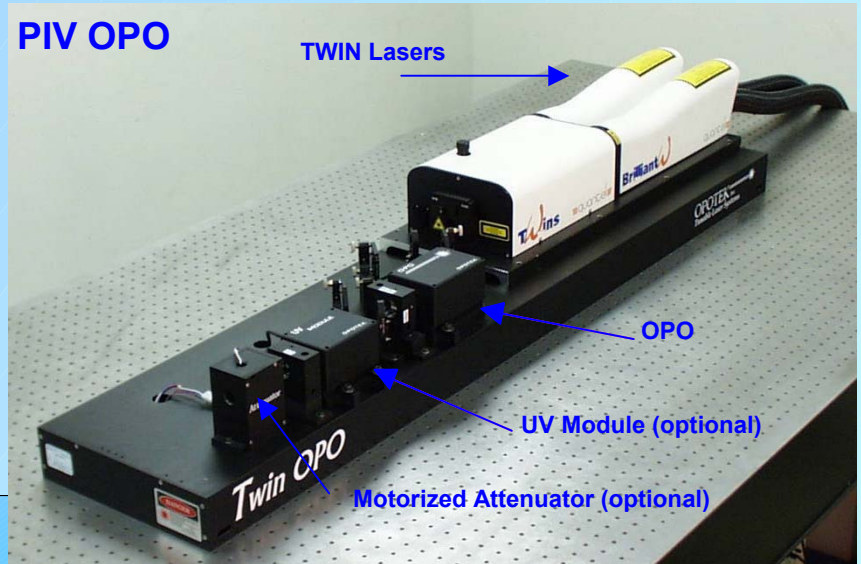


PIV OPO 355

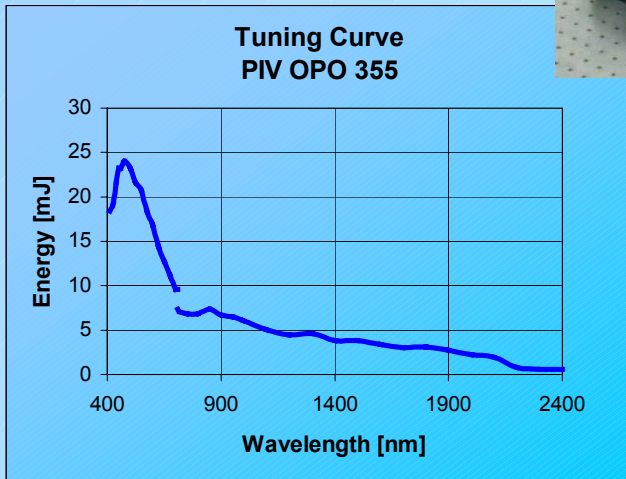


Particle Image Velocimetry at any wavelength from 210 nm to > 2µm
 Double Pulse Tunable Laser System: a single OPO pumped by two lasers

- Integrated system
- Tuning 410 - 2200 nm
- UV Option 210-410 nm
- Computer Control

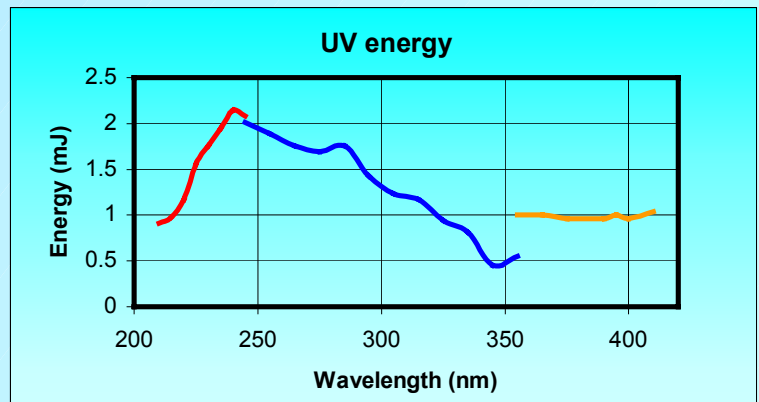


Specs
 The tuning curve of the PIV 355 OPO is presented in the figure below. The spectral linewidth is 4 – 7cm-1.



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 210– 410 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.