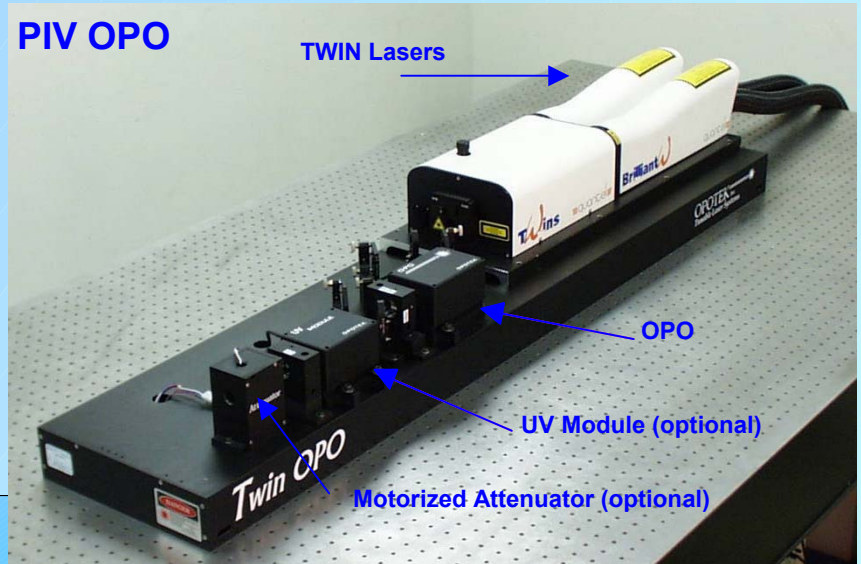


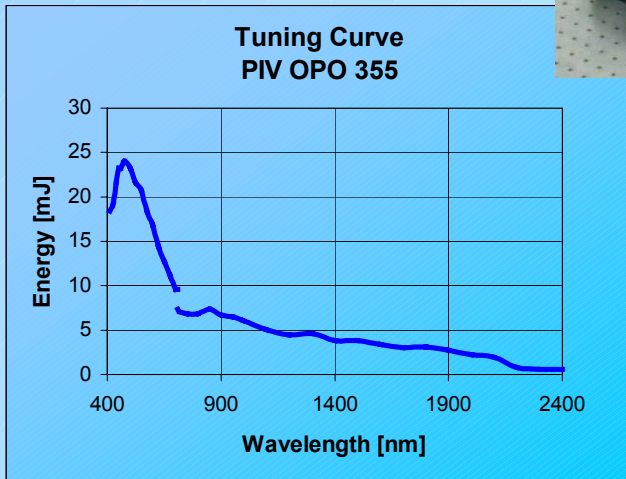
## PIV OPO 355

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

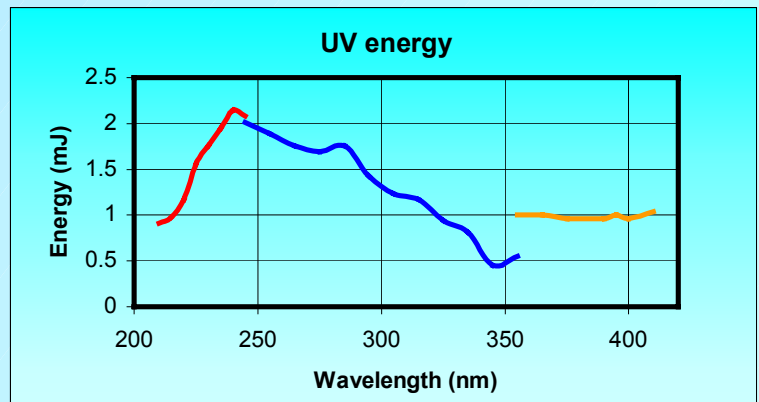


**Specs**  
 The tuning curve of the PIV 355 OPO is presented in the figure below. The spectral linewidth is 4 – 7cm-1.



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.