

Imperial College Hypersonic Gun Tunnel

Equipment

3-c LDA System Dantec

Traverse system Micromech

High Speed Camera for Schlieren Dantec

Optics (high quality) Low FPS Video Camera / Lenses / Mirrors / rails / mounts / HDRecorder

High-speed laser PIV Aerotech/Flow Dynamics

Laser 3rd / 4th Harmonic capable Nd:YAG (to produce 266nm / 355 nm light for fluorescence measurements, e.g. molecular tagging / scalar measurements etc.) **Dantec**

Low Noise Camera for fluorescence type measurements **Dantec/Vision Research**

Intensified Camera for low photon measurements **Dantec/Vision Research**