



Imperial College Hypersonic Gun Tunnel

HS1

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**