



University of Oxford T6 Free Piston Reflected Shock Tunnel

HS4

Equipment

Actuated transverse for model mounting (**Quadrach/Micromech**)

Thin film gauge signal conditioning instrumentation (**Martin Oldfield/Monitran**)

Three wire Hot Wire Anemometer (**DANTEC**)

Continuum Powelite 8000 Nd:Yag laser (**Continuum**)

Low noise 532 nm DPSS laser (**Oxxium**)

671 nm DPSS laser (**Laser Quantum**)

High bandwidth (>1 MHz) piezoelectric pressure transducers (**PCB**)

High bandwidth (250 kHz) strain gauge pressure transducers (**Kulite**)

Ultra-high speed (5 MHz) HD video camera (**Specialised Imaging**)

High Speed (1 MHz, reduced pixel) continuous HD video camera (**Photron**)

High speed LED light source (1 MHz)

12" Schlieren optics

Laser and visual optics/mounts