

About the PRISM Lab facilities

Our labs are in the recently refurbished and extended Hill Building. The building has been designed to provide a state-of-the-art multi-disciplinary research centre. We are housed in large open plan laboratory of some 65 sq-metres.

This contains the following major equipment:

- General area
- Image analysis workstations
- Visuo-motor tracking station (**computer based** (http://prism.bham.ac.uk/lab_facilities/joystick2.jpg) with **joystick** (http://prism.bham.ac.uk/lab_facilities/joystick.jpg) or simple 1- or 2-D motion recording systems).
- **TMS station** (http://prism.bham.ac.uk/lab_facilities/tms.jpg) (Magstim 200 Rapid rTMS with several different coils & head constraint).
- **Bimanual force controlled robot arm** (http://prism.bham.ac.uk/lab_facilities/Vbots.jpg) (**Vbots from Wolpert lab, UCL** (<http://www.hera.ucl.ac.uk/sml/projects/vbot.htm>))
- **Optotrak 3020** (http://prism.bham.ac.uk/lab_facilities/optotrak.jpg) infra-red motion tracker
- **Polhemus Fastrak** (http://prism.bham.ac.uk/lab_facilities/fastrak.jpg) and **Ascension Flock of Birds** (http://prism.bham.ac.uk/lab_facilities/flock_thumb.jpg) electromagnetic motion tracking
- **Eyetracking** (http://prism.bham.ac.uk/lab_facilities/asl504_3.jpg) - ASL 501/**504** (http://prism.bham.ac.uk/lab_facilities/asl504.jpg) head-mounted or remote high speed monocular systems, coupled with **Ascension** (http://prism.bham.ac.uk/lab_facilities/flock_thumb.jpg) motion tracking systems for recording hand movement.
- Skalar Iris infra-red reflectometry eyetracking (binocular 1-D high speed recording)
- MR compatible **Plato** (http://prism.bham.ac.uk/lab_facilities/plato.jpg) LCD goggles

