Waipapa Taumata Rau University of Auckland

Leica MZ16 stereo microscope



Introduction

The Leica stereo is used primarily for dissection as well as imaging insects, zebrafish embryos, etc.

Camera

- *Nikon Digital Sight DS-Fi3 CMOS colour camera*

Applications

- *Dissecting microscope – manual operation*
- *Imaging of large specimens*
- *Brightfield microscopy*

Software

- *Nikon NIS Elements D*

Specifications

- *Objective lenses - 0.5x, 1.0x*

- *Transmitted light base, contrast adjustment diaphragm*
- *Overhead optical fibre cold light (2 x goosenecks)*

Contact person

Jacqueline Ross

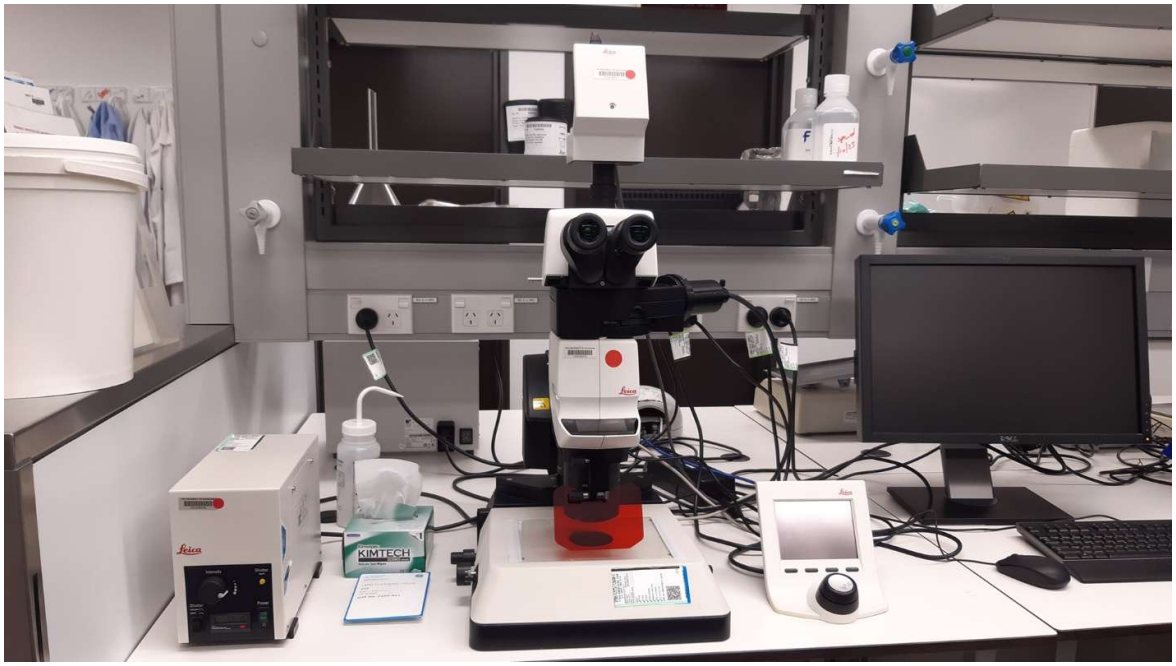
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Waipapa Taumata Rau University of Auckland

Leica M205 FA stereo microscope



Introduction

The Leica stereo is used primarily for dissection as well as imaging insects, zebrafish embryos, etc. It can be used for viewing samples that have been microinjected with a fluorescent dye.

Camera

- *Leica DFC 500 colour camera*

Applications

- *Dissecting microscope – fully motorised operation except XY*
- *Imaging of large specimens*
- *Brightfield microscopy*
- *Fluorescence microscopy*
- *Relief contrast microscopy*
- *Z stacks, Multi-focus*

Software

- *Leica LAS X*

Specifications

- *Objective lenses - 0.63x, 1.0x*
- *Transmitted light base*
- *Overhead optical fibre cold light (2 x goosenecks)*
- *Leica EL6000 light source for fluorescence imaging, white halogen lamp for transmitted light imaging*
- *Fluorescence filter sets: UV, Alexa 488, Cy3, Cy5*

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