

BIRU EQUIPMENT CHARGES 2023

(apply only to University of Auckland staff and students)

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OPTICAL MICROSCOPY

Super-resolution microscopes

Zeiss LSM 800 Airyscan inverted	\$67.45 per hour
Abberior Facility Line STED	\$67.45 per hour

Confocal microscopes

Olympus FV1000 BX61 upright (slides)	\$56.21 per hour
Olympus FV1000 WI upright (+ live cell imaging)	\$28.11 per hour
Zeiss LSM 710 inverted (slides/live cell imaging)	\$56.21 per hour
Zeiss LSM 800 Airyscan inverted	\$67.45 per hour

Widefield microscopes

Zeiss Axio Imager upright fluorescence microscope	\$11.24 per hour
Nikon TE2000E inverted fluorescence microscope	\$11.24 per hour

Slide scanner

MetaSystems VSlide (brightfield/fluorescence)	\$56.21 per hour
Olympus SLIDEVIEW VS200 (brightfield/phase contrast polarised light/darkfield/fluorescence)	\$56.21 per hour

High content screening system

Molecular Devices ImageXpress Micro XL	\$89.94 per hour
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Live cell imaging system

Nikon BioStation	\$11.24 per hour
Nanolive 3D Cell Explorer	No charge

Reduced rates apply on all systems for extended time-lapse studies (>4 hours duration)

ELECTRON MICROSCOPY

Transmission electron microscope

Tecnai G ² Spirit Twin	\$56.21 per hour
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Scanning electron microscope

Hitachi TM3030Plus Tabletop	\$62.10 per hour
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IMAGING MASS SPECTROMETRY

Bruker UltrafleXtreme MALDI-TOF/TOF mass spectrometer

MALDI-MS	\$22.48 per sample
MALDI-TOF/TOF	\$11.24 per sample
MALDI imaging	\$140.26/million laser shots

FLOW CYTOMETRY

Becton Dickinson LSR II analyser	\$30.51 for first 15 minutes, then \$2.03/min
Becton Dickinson Aria II SORP cell sorter	\$2.62/min, plus \$78.70 to set up for the day
Cytek Aurora CS cell sorter	\$1.78/min, plus \$53.54 to set up for the day

SOFTWARE

MetaXpress/MetaMorph	No charge
Image-Pro Plus 3D suite	No charge
Amira	No charge
SCiLS	No charge
ZEN Desk	No charge
FluoView	No charge