

Risk Assessment Summary Report/Print (landscape)



Reference	2044	Description of Space or Activity/Task or Equipment	Use of the MetriPol Microscope located in G31 in Millburn house
Assessment Date	09/07/2022	Publish To Portal	Yes
Assessor Name	Gloria Zhao	Risk Assessment Title	MetriPol Version 2 G31 Millburn house
Assessment Team Members	Ben Breeze Mark Newton Jenny Orme	Review Date	06/09/2025
Role / Space / Project Reference		Current Risk Level (1=Very Low, 2=Low, 3=Moderate, 4=High, 5=Very High)	2
Department	Use the search function above or double click here for org chart -> Academic Faculties -> Faculty of Science, Engineering and Medicine -> Research Technology Platforms - RTPs -> Spectroscopy Research Technology Platform - RTP	Final Risk Level (1=Very Low, 2=Low, 3=Moderate, 4=High, 5=Very High)	2
Location Details	01.005.000.031 Millburn House Ground Floor G31 Optical Microscope Room	Risk Assessment Number	0
Risk Assessment Category	Equipment	Additional Information	All users must be fully trained before operating the MetriPol system
Date Record Created	28/09/2022		

Hazard Type & Hazard Description	Who may be at Risk? & How May Person(s) Be Harmed	Existing Control Measures	L			S			R		
			L	S	R	L	S	R	L	S	R
NIR Artificial Optical Radiation - Ultraviolet Potential exposure to Non-ionising radiation (UV - burns/arc eye/cataracts)	Contractor Laboratory Worker Staff Student Burns Irritation to eyes	Elim - Light is kept at a low power and is highly divergent. Admin - Specific training provided for uses	Serious	Unlikely	Low				Serious	Unlikely	Low
Equipment/Plant Broken glassware	Contractor Laboratory Worker Staff Student Cuts	Admin - Glassware to be disposed of in the correct waste stream Admin - Specific training provided for uses PPE - Personal Protective Equipment (PPE) is issued and worn (specify).	Minor	Possible	Low				Minor	Possible	Low

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Equipment/Plant Moving Parts	Contractor Laboratory Worker Staff Student Trapped finger Compression Bruises	Admin - Safe System of Work (SSoW) established and trained out. Admin - Specific training provided to equipment operators. Eng- Loos hair to be tied back Eng - Loose clothing avoided	Minor	Possible	Low		Minor	Possible	Low
Electricity Contact with live electrics.	Contractor Laboratory Worker Staff Student Electric Burns Shocks	Admin - Portable Appliance Testing (PAT) conducted as per regime. Eng - Fixed guarding is in place preventing access.	Major	Unlikely	Low		Major	Unlikely	Low
Assessment Conclusion	Low Risk piece of equipment.								