

SAFETY INFORMATION

NAME OF THE INSTRUMENT	Arraysan XTI High Content Analysis Reader	DATE: 10/02/2020
LOCATION	ADELAIDE MICROSCOPY – AHMS LEVEL 6	Insert photo (Optional)
Residual risk rating	<input checked="" type="checkbox"/> Low <input type="checkbox"/> Medium <input type="checkbox"/> High <input type="checkbox"/> Very High	
Hazards	Contact with electricity or potential for electric shock	

Pre-operational checks

YOU MUST NOT USE THIS MACHINE UNTIL YOU HAVE HAD APPROPRIATE TRAINING BY TRAINED ADELAIDE MICROSCOPY STAFF. Unauthorised use may result in damage to the instrument.

General

The Arrayscan XTI High Content Analysis Reader is used to automatically image samples prepared on standard microscopy slides.

Hazards

Potential for exposure of eyes to LED light.

Risk Control Measures

The microscope uses LED as a source of illumination. When instrument is in operation, it is not possible to view the sample in the microscope, only the computer screen. This means the user is shielded from the bright light. However, the following precautions must be taken:

DO NOT LOOK IN THE EYEPIECE WHEN SWITCHING THE BEAM PATH IN THE STAND.

Operational checks/steps to complete the activity from start to finish (including transport and waste disposal where relevant)

All new users must have a practical demonstration of the operation of the machine from a member of Adelaide Microscopy staff.

Users should operate the instrument in accordance with the manufacturer supplied operating instructions to avoid damage to the instrument. The user operable parts are all accessible from the operator’s console and light microscope; users of the instrument should not attempt to remove any fixture or panel from the microscope or attempt to access the rear of the instrument.

Handling of biological materials may present some safety problems and the Safe Operating Procedure for handling animals and biological material must be followed.


On completion of work – steps to make safe (including clean up, any waste disposal & service/maintenance requirements)

Remove all samples from the instrument and the laboratory after imaging.

Emergency and Spill Procedures, Transport or storage requirements (where relevant), First aid/Medical

In the event of an injury, please advise an Adelaide Microscopy staff member and first aid officer for treatment and the local HSW representative to report the incident.

Prepared by

People involved in the drafting of this Safety Information	Agatha Labrinidis Aoife McFadden		
Person authorising the Safety Information	Name:	Angus Netting	Signature 
	Position:	Director, Adelaide Microscopy	

HSW Handbook	Hazard Management	Effective Date:	17 December 2019	Version 3.0
Authorised by	Chief Operating Officer (University Operations)	Review Date:	17 December 2022	Page 1 of 2
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