

SAFETY INFORMATION

NAME OF THE TASK/ACTIVITY	GATAN SOLARUS MODEL 950 PLASMA CLEANER	DATE: 13/02/2020
LOCATION	ADELAIDE MICROSCOPY, GEORGE ROGERS LABORATORY, HELEN MAYO NORTH, NB12	Insert photo (Optional)
Residual risk rating on the RA	<input type="checkbox"/> Low <input checked="" type="checkbox"/> Medium <input type="checkbox"/> High <input type="checkbox"/> Very High	
Hazards identified on the RA	Contact with electricity or potential for electric shock. Contact with chemicals, fumes or gas.	

This Safety information should be provided to new users for them to read before undertaking and tasks/activities on the microscope.

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.

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

- This plasma cleaner utilises mechanical, electrical and physical principles and should be operated only by Adelaide Microscopy staff who have suitable training or experience.
- The plasma cleaning system is used for the removal of hydrocarbon contamination on TEM and SEM samples and sample holders.
- The unit is connected to cylinders of Hydrogen, Oxygen and inert Argon gas. The plasma is contained within the unit and poses no external threat.
- 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: users of the instrument should not access the rear of the instrument. Nor should they attempt to remove any fixture or panel from the unit.


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	Ashley Slattery		
Person authorising the Safety Information	Name:	Angus Netting	Signature
			
	Position:	Director, Adelaide Microscopy	

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