



Hitachi CG4000

Manufacturer	Hitachi
Model	CG4000
Description	CD-measurement system
Other information	
Year of manufacture	
Serial number	3106-02
Site size	12 inches / 300mm
Condition	As-is where is
Resolution	1.8 nm (Accelerating voltage: 800 V)
Accelerating voltage	300 - 1, 600 V (10V steps) (200 - 2,000 V: Option)
Repeatability	±1% or 0.3 nm (3σ) max. (Sample used: Hitachi standard wafer)
SW Version	33.1D
MAM Time	3.4sec
VID	VID753



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Corporate EHSS Equipment Decommission Standard

5.0 Equipment Defacilitation and Decontamination Form

5.1 Instructions

Important: This form is mandatory. Site-specific forms may be used in addition to this form.

- Complete all sections with an asterisk* for equipment defacilitation conducted at Micron.
- One copy must remain in a plastic sleeve on the tool. One copy must be retained by the site.

5.2 General Information*

Manufacture: HITACHI - CDSEM	Model #: CG4000
MICAP or Micron Asset#: 1201427	Serial #: 3108-02
Storage, Shipdoc, MICAP#: _____	Description: _____
Sending Site: Fab15	Receiving Site: Fab6
Tool Owner: nkaknuma	Phone # or Pager #: +61 80 8867 7795

Clean Repair Transfer Disposal Storage Return
 Sell Scrap Donate Customer Visit Other: _____

5.3 Process Chemical Purge/Flush*

Process chemicals used with this equipment
N/A

Process byproduct and the hazards if known
N/A

Flush chemicals used with this equipment
N/A

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<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> NA	<input type="checkbox"/> No	All ports and openings have been sealed with a cap or plug. (Chemical Purge/Flush, Decontamination, Line Breaks)
<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> NA	<input type="checkbox"/> No	Radiological sources and radiation badges in appropriate location (Decontamination)
<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> NA	<input type="checkbox"/> No	Non chemical energy dissipated (capacitors/mechanical energy). (Decontamination)
<input type="checkbox"/> Yes	<input type="checkbox"/> NA	<input checked="" type="checkbox"/> No	Equipment free from magnets, mercury lamps/switches, batteries and light bulbs/tubes (Disposition/shipment)
<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> NA	<input type="checkbox"/> No	All physical hazards and hazardous energies removed. Isolated or placed in a suitable state for transport (Disposition/shipment)
<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> NA	<input type="checkbox"/> No	Equipment is being shipped to another Micron location and NRTL status has been documented (Disposition/shipment)
<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> NA	<input type="checkbox"/> No	Decontamination verified by visual inspection

For any "No" box checked, provide an explanation. The transport or movement of this part or equipment may require labeling and shipping as Dangerous Goods. Contact site shipping personnel for further evaluation.
For Transfer, Lamps are still present

Other details related to equipment decontamination

5.7 Sign-off*

The key steps of decommissioning in section 5.1.4 of the Corporate EHSS Equipment Decommission Standard are must be completed and documented below. Prior to shipment or Disposition the tool or equipment owner must acknowledge that tool or equipment is ready for shipment by signing and dating the form below.

	Completed?	Initials	Employee #	Date
Process Chemical Purge/Flush	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> NA	Htaqijiri	122222	2006/6/16
Chem. and gas shut-off	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> NA			
Decontamination	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> NA	Htaqijiri	122222	2006/6/16
Exhaust	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> NA			
Abatement	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> NA	Htaqijiri	122222	2006/6/16
Electrical	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> NA	Htaqijiri	122222	2006/6/16

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Corporate EHS Equipment Decommission Standard

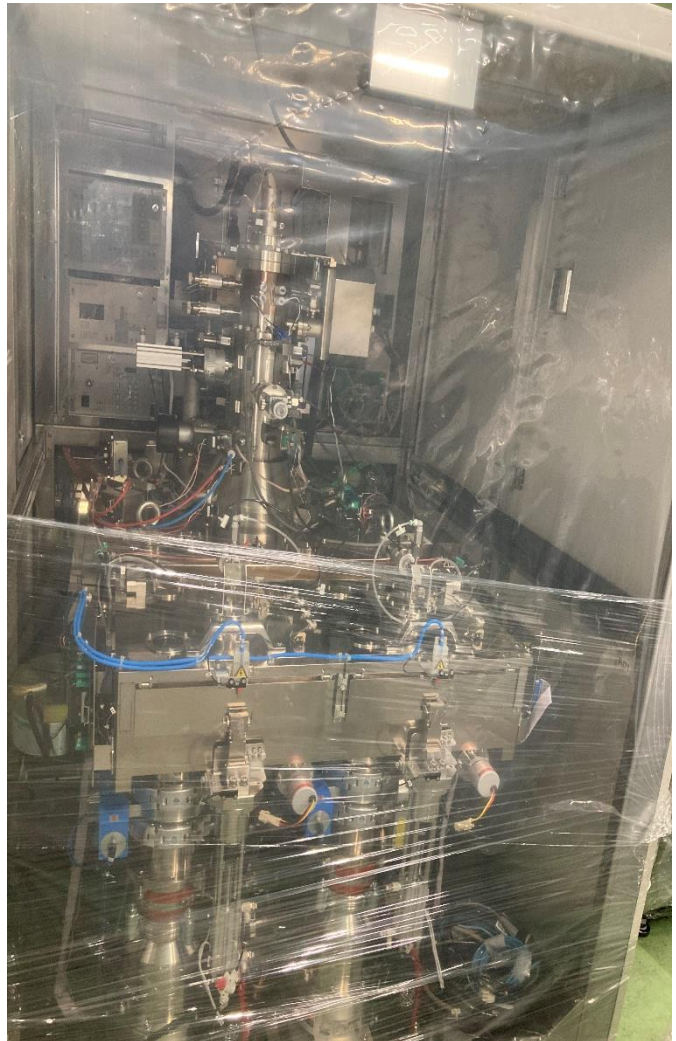
	Completed?		Initials	Employee #	Date
Line Breaks and Plumbing	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> NA	Hajiiri	122228	2020/6/16
Removal	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> NA	Hajiiri	122228	2020/6/16

5.8 Disposition/ Shipment
 Equipment or Tool Owner: By completing and signing this form, I acknowledge that the equipment has been decontaminated as outlined above.
 Signature and employee#: Hajiiri (122228) Date: 2020/6/16
Hajiiri (1021482) Date: 2020/6/16
PTW Equip. Tanba (1129715) Date: 2020/6/17

5.9 EHS Signature
 I have reviewed the form and performed an external visual inspection of the tool.
 Signature and employee#: Hajiiri Date: 2020.6.17
Tatiana Magallon Date: 2020.6.17

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All Equipment is offered subject to prior sale. This item will be quoted based upon specific terms and configuration required.

Interested parties may contact PTW ASIA PTE LTD at: ask@ptwsingapore.com

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