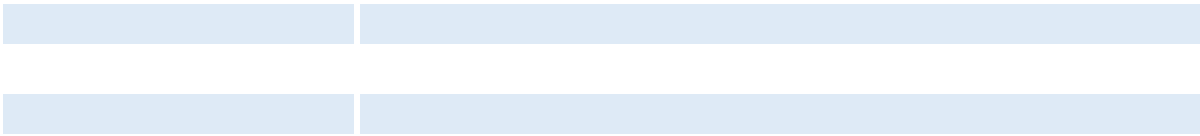




LAM

<b>Manufacturer</b>	LAM
<b>Model</b>	4520i
<b>Application</b>	Oxide Etch - Pad, Trench Mask, Planarization and Contact Etch
<b>Year of Installation</b>	30.11.2004
<b>Frame</b>	Standalone Tool - Rainbow Platform
<b>Serial number</b>	3660
<b>Wafer size</b>	150mm (6")
<b>Condition</b>	Good
<b>Software</b>	E2.0.1-071 Envision
<b>Chamber (s)</b>	Main Etch Chamber and Isotropic Chamber
<b>Main Chamber Config</b>	Upper Electrode – Variable Gap Lower Electrode - TAC (Top Acuated Clamp)
<b>Main Chamber RF</b>	Generator: AE Model PDW-2200 via an external Remote Cart (LOFAT) Low Frequency Auto Tuner
<b>Main Chamber Temp</b>	Upper Electrode Chiller Controlled Lower Electrode Chiller Controlled
<b>Main Chamber Press</b>	Butterfly-Throttle Valve/Controller/Manometer
<b>Main Chamber EndPoint</b>	Lam Monochromator
<b>ISO Chamber Config</b>	Upper Assembly - Bell Housing/Ceramic/Quartz Lower – Heated paddle
<b>ISO Pressure Control</b>	Butterfly-Throttle Valve/AC2 Controller
<b>ISO Temp Control</b>	Heater – Integrated into the chamber.
<b>Transport System</b>	Cassette Front Loading/ Send (Asyst) Indexer/ Load Shuttle Edge Detector/ Entrance Load Lock - Harmonic Arm/ Exit Load Lock- Harmonic Arm/ Receive (Asyst) Indexer
<b>Gas Box Config</b>	GAS 1 AR 500 sccm
	GAS 2 CF4 200 sccm
	GAS 3 CHF3 50 sccm
	GAS 4 CF4 50 sccm
	GAS 5 O2 50 sccm
	GAS 6 N2 50 sccm
	Gas 7 HE 500 sccm
	Gas 8 NF3 500 sccm

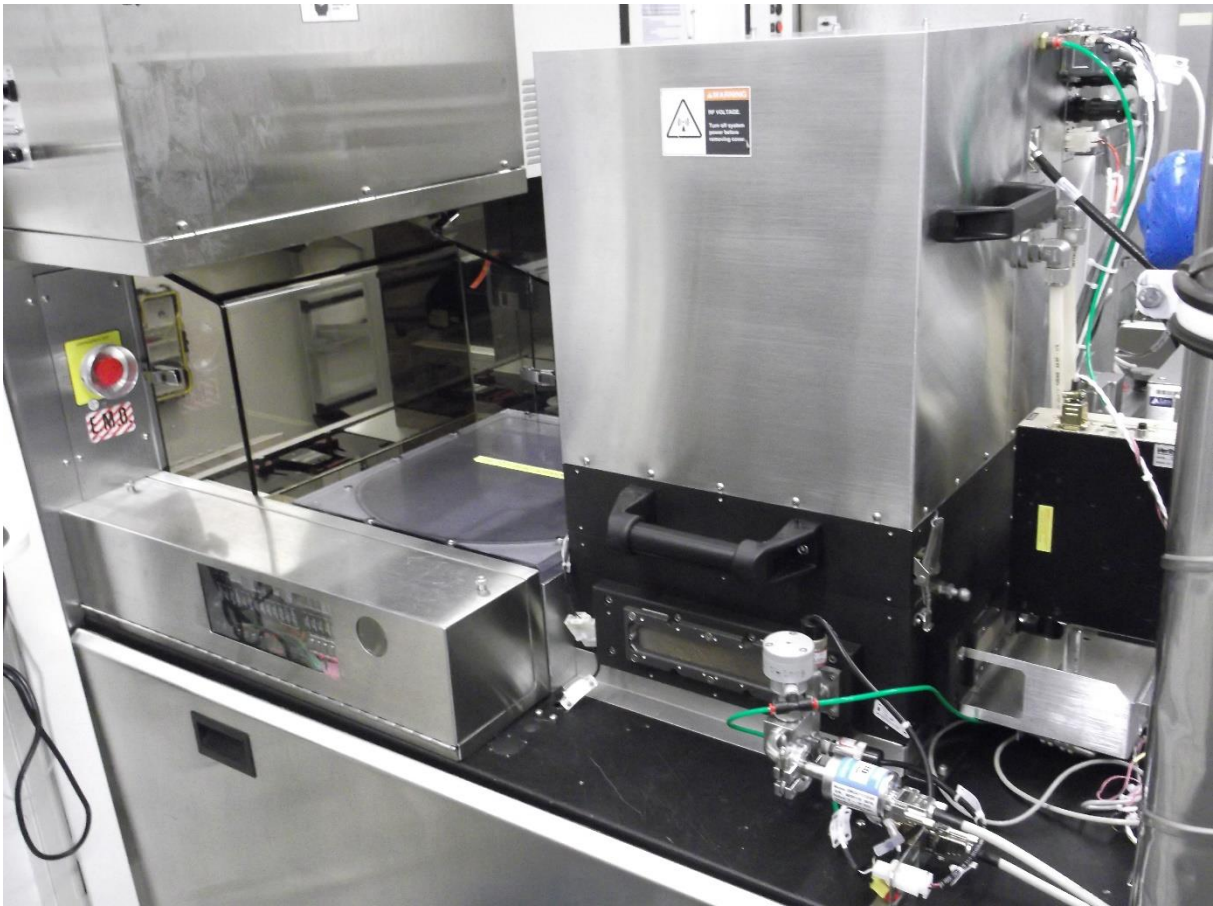
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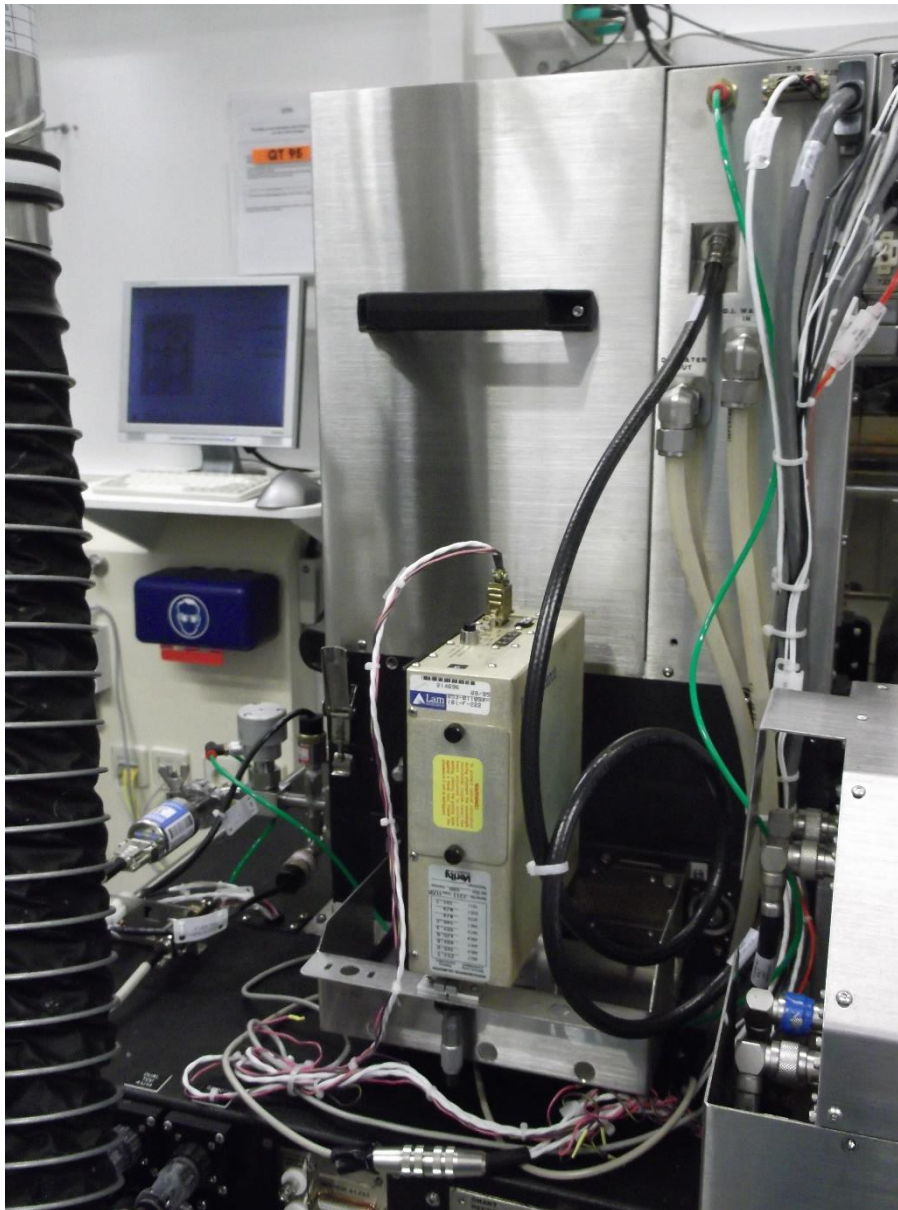
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