System configuration:

2.1 Currently Configured for 200mm Wafer Size

2.2 Handler: H2 Handler, Open Cassette Base x2

2.3 Chuck Type: 200mm

2.4 Operator Interface: Trackball and keyboard standard

2.5 PC configurations:

2.5.1 CPU: 66MHz

2.5.2 Memory: 64M

2.5.3 OS: Windows NT4.0 environment

2.5.4 Application software: SUMMIT 2.3

2.5.5 GEM/SECS: Enhanced SECSII

Facilities:

3.1.1 Vacuum: 20” (510 mm) Hg @ 1 SCFM

3.1.2 Air: Minimum 80-100 psi

3.1.3 Exhaust Vent and Fittings:

3.1.3.1 6” (150 mm) diameter, flexible hose, pulling 260 cubic feet per minute.

3.1.4 Power: 1 Phase 120V VAC,50/60 Hz

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Linear supply (Main) LJ2

+5 V (5.1 + 0.05 /– 0.1) _____

–12 V (± 0.3) _____

+12 V (± 0.3) _____

Linear supply (DA) LJ3

+5 V (5.3 ± 0.1) _____

–15 V (± 0.1) _____

+15 V (± 0.1) _____

● Lampcal parameter verify

DBS optics	
Intensity:	
1X lamp intensity _____counts	
Focus curve:	
UV channel peak:_____ um (spec:0 +/- 1um)	
Visible channel peak:_____um (spec:0 +/- 1um)	
Uniformity:	
Objectives	Mean
1X:	(15+/-3)
4X:	(15+/-3)
15X:	(15+/-3)

Recipe	Accuracy			Stability		Precision	
		Measured Value	Spec.	Std Dev	Spec.	Std Dev	Spec.
500Å Oxide 1X DBS	T=		+/- 1.0 %		< 2.5 Å		< 0.75 Å
500Å Oxide 4X DBS	T=		+/- 1.0 %		<2.5Å		< 0.75Å
500Å Oxide 15X DBS	T=		+/- 1.0 %		< 2.5Å		< 0.75Å
9000Å Oxide 1X DBS	T=		+/- 1.0 %		< 0.25%		< 0.05 %
9000Å Oxide 4X DBS	T=		+/- 1.0 %		< 0.25%		< 0.05 %
9000Å Oxide 15X DBS	T=		+/- 1.0 %		< 0.25%		< 0.05 %