



Revised September 2008

HD Microsystems™ Technical Service Facility

Located in the Parlin, NJ manufacturing site, this facility is the center of research, customer support and quality control activities in North America for HD Microsystems. The Class-100 cleanroom is designed to process polyimide coatings in a clean, well-controlled environment similar to customer manufacturing sites. The facilities allow the development and demonstration of new materials and processes, as well as functional testing of production lots. Prototype coatings and low volume contract manufacturing can also be arranged.

Coating

Automated SVQ lines:

125mm, 150mm and 200mm



Suss Gamma Cluster Tool

150mm and 200mm



Imaging

Ultratech Stepper (I, G and broadband)

125mm, 150mm, 200mm

OAI Aligner 125mm, 150mm

Develop

Aqueous and Solvent,
Spray and Puddle



Cure

Koyo Cure Oven
Nitrogen or CDA purged

Analytical

Alpha Step 100 Profilometer
Filmetrics Optical Thickness Measurement
Laser Particle Counter
Liquid Particle Counter
SEM - Zeiss EVO40
Digital Microscopes



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Caution: Do not use in medical applications involving permanent implantation in the human body.