



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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### **United States**

#### **HD MicroSystems**

250 Cheesequake Road  
Parlin, NJ 08859-1241  
800-346-5656 ext. 13, 14 (Phone)  
732-613-2502 (Fax)

10080 North Wolfe Road, SW3-200  
Cupertino, CA 95014  
800-346-5656 ext. 11 (Phone)  
408-996-0508 (Fax)

### **Japan**

#### **HD MicroSystems, Ltd.**

Nikkyohan Building 3F  
4-25 Koraku 1-Chome, Bunkyo-ku  
Tokyo 112-0004, Japan  
81-3-3868-8124 (Phone)  
81-3-3868-8126 (Fax)

### **Europe**

#### **HD MicroSystems GmbH**

Hugenottenallee 173-175  
63263 Neu-Isenburg  
Germany  
49-6102-18-1823 (Phone)  
49-6102-18-1824 (Fax)

### **Internet**

[www.hdmicrosystems.com](http://www.hdmicrosystems.com)

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