

**NANT**  
OPTICS, LLC

**GLOBAL WEBCAST AUCTION**  
June 8, 2012 10:00 am EDT



**A 36,000 SQUARE-FOOT WORLD CLASS NANOFABRICATION FACILITY  
WITH STATE-OF-THE-ART PRODUCTION AND RESEARCH & DEVELOPMENT CAPABILITIES**

**An ongoing key product line for UV photo alignment for LCD and General Display Manufacturing**



**Heritage Global Partners**

Asset Advisory and Auction Services

*A Legacy since 1937*

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



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### GLOBAL WEBCAST AUCTION

**JUNE 8, 2012**  
**FRIDAY 10:00 am - 2:00 pm EDT**

#### AUCTIONEER'S NOTE:

HGP is pleased to be selected to conduct this Global Webcast Auction of **NantOptics, LLC**, a 36,000 square-foot World Class Nanofabrication Facility with state-of-the-art production and research & development capabilities.

This Global Webcast Auction features an ongoing key product line for UV photo alignment for LCD and General Display Manufacturing.

Please view our website at [www.hgpauction.com](http://www.hgpauction.com) for the bidding instructions and the full terms of the sale. Thank you for your interest, and we look forward to providing you quality equipment sales and World Class Service.

#### PUBLIC PREVIEW:

Date/Time:

**Thursday, June 7 (9:00am - 4:00pm)**  
or by appointment

Location:

**1600 Cottontail Lane**  
**Somerset, NJ 08873**

#### ADDITIONAL INFORMATION:

For more information including a photo gallery, equipment list, terms and conditions of sale and more, please visit:

**[www.hgpauction.com](http://www.hgpauction.com)**

Buyer's Premium: 15% cash buyers; 18% for credit card purchasers (Refer to Term 7 in the Auction Terms and Conditions for details).

SALE WILL BE CONDUCTED IN ENGLISH  
AND WILL ACCEPT US CURRENCY ONLY



## BULK SALE OFFERING LOT 1 & LOT 2

INCLUDING ALL TANGIBLE AND INTANGIBLE ASSETS

**NantOptics, LLC** assets will first be offered in bulk, as a complete entity in the form of an ongoing enterprise. Parties interested in participating in the Bulk Sale Offering for NantOptics (Lots 1 and/or 2) will be required to post a \$250,000 refundable deposit no later than 72 hours prior to the webcast auction (refundable in the event the party is not the winning bidder). Only bids from pre-approved buyers will be acknowledged by the auctioneer for the Bulk Sale.

Parties authorized to participate in the Bulk Sale Offering for Lots 1 and/or 2 will make arrangements to participate live, in person at the NantOptics Facility or other pre-determined auction event location. In lieu of participating in person you may elect to participate via a dedicated phone line. Dial-in Instructions will be provided upon receipt of the required deposit.



***NantOptics LLC's goal is to maximize the sale of the NantOptics enterprise - as an ongoing concern - in bulk. This offering of NantOptics research, development and production facility as an enterprise allows interested parties the opportunity to acquire a fully functional state of the art, fully automated nanofab facility at an attractive price.***

#### VIRTUAL DATA ROOM

We have set up a Virtual Data Room (VDR) that contains information regarding the business enterprise of NantOptics, LLC. Please note that the documents have been provided to Heritage Global Partners by NantOptics, LLC and that Heritage Global Partners makes no representations or warranties as to the validity or accuracy of the information contained therein. To gain access to the VDR, complete a non-disclosure agreement and return to Steve Gross via fax at 866-644-6775 or via email at [sgross@hgpauction.com](mailto:sgross@hgpauction.com). Upon submission of this agreement, interested parties will be provided access to the VDR. Any questions regarding the contents of the VDR should be directed to:

**BRANDON SMITH** at: [bsmith@hgpauction.com](mailto:bsmith@hgpauction.com) or (973) 265.4090

Parties interested in bidding of the Bulk Sales Offering Lots will be required to post a \$250,000 refundable deposit prior to auction (refundable in the event the party is not the winning bidder). Only eligible bidders and pre-approved online attendants will have access to the Dial-In Conference # for this webcast auction. Winning bidder will pay in full within 48 hours of the auction to:

**STEVE GROSS, CFO, Heritage Global Partners, 330 Hatch Drive, Foster City, CA 94040**

*There is no deposit required to participate in the piecemeal auction. Those wishing to bid in the webcast sale may do so live or over the internet at [www.bidspotter.com](http://www.bidspotter.com). A 15% buyers premium (for bidders bidding in-person) and 18% (for online bidders) will apply to the piecemeal portion of the auction. Please refer to Heritage Global Partners Terms and Conditions at [www.hgpauction.com](http://www.hgpauction.com) for complete details.*

On Behalf Of:

**NANT**  
OPTICS, LLC

# GLOBAL WEBCAST AUCTION: A 36,000 SQUARE-FOOT WORLD CLASS NANOFABRICATION FACILITY WITH STATE-OF-THE-ART PRODUCTION AND RESEARCH & DEVELOPMENT CAPABILITIES

**NANT**  
OPTICS, LLC

## FEATURED ASSETS

Anatech Hummer X Sputterer  
CDE ResMap Four Point Probe Resistivity Mapping System  
Genesis Machinery Products AWG Automated Residual Seal Force Tester  
Kurt Lesker P/N PEDAXECDNN002 Axxis System  
**Laser Products F250** CO2 Laser, 250W  
Plasma-Therm SLR Series Plasma RIE, load lock, Leybold 361 turbo pump, Seybold trivac pump, bear A30W dry pump, Nasal Coolflow System II chiller, Julabo FP50 chiller. Gases: O2, CHF3  
Rudolph Research AutoEL 245A5C Ellipsometer This Film Measurement With Olympus SZ49eSD Microscope  
Temescal FCE-2700 Fast Cycle Evaporation System  
Woollam M-2000 Spectroscopic Ellipsometer, Thin Film measurement M-2000VI, EC-400, EMP-224, FQTH-100, MQD-160

## LOCATION: 1600 COTTONTAIL LANE, SOMERSET, NJ

This offering of NantOptics research, development and production facility as an enterprise allows interested parties the opportunity to acquire a fully functional state of the art, fully automated nanofab facility at an attractive price.



PLASMATHERM 790 11" PECVD/RIE MN FRAME



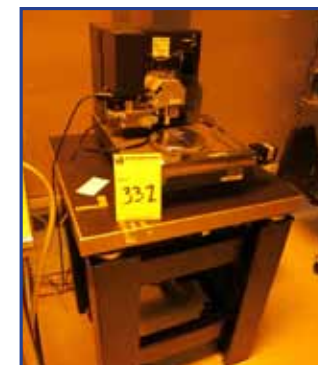
TEMESCAL FCE-2700 FAST CYCLE EVAPORATION SYSTEM



TEMESCAL FCE-2700 FAST CYCLE EVAPORATION SYSTEM

### FEATURED ASSETS

**DI NanoScope III Nanoscope** with Dimensions 3100 Controller and Scanning Probe Microscope  
**Herrbrugg Wild Inspection Scope, Plan 1x**  
**Leo 1550VP Gemini SEM with XDS 10 Vacuum Pump**  
**Nikon Microscope:** x-y stage, Panasonic KR222 Video Camera, BDPlan 100, bad Plan 50, BDPlan 20, BDPlan 10 Objectives, Light source and transformer, Dell Computer, flat panel monitor  
**Olympus BH-2 Microscope, x-y Stage**  
**Olympus SZ40ESd (Qty. 2) Inspection Scope**  
**Olympus SZX12 Teaching Stereo Microscope, Tilting Binocular Heads with 10x Adjustable Eyepieces Counter Balanced Base with Shimpo LSF-5R**  
**Newport 77700 1/4 in. Monochromator / Spectrograph** with Energetiq Laser Driven Lightsource and Thorlabs P8G11112 Optical Table  
**Temescal FCC-1800 Evaporation tool** used to deposit: Ni, Au, Cr, AL4, Ag, AL6. Temescal Simba2 power supply, Inficon iC/5 deposition controller, programmable sweep, TRC-3460 pocket selector, 13-4" wafer processing capability, MC-4C motor controller, Temescal Auto Regen controller, Ion Tech Inc MPS-3000FC, Ion Tech Inc GFC-1000 U. CTI 8 cryo pump, CTI 400 cryo pump, CTI 8200 & 9600 compressors



## WOULD YOU LIKE TO SELL AN ASSET?

Simply call +1 650.207.0727 and speak with **Kirk Dove**, Managing Partner, for more information. We will be glad to listen to your specific needs and from that HGP can prepare a detailed solution for your review that will maximize the returns for you're assets for the company and It's Shareholders.

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**NANT**  
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NANT OPTICS, LLC : Featured Assets

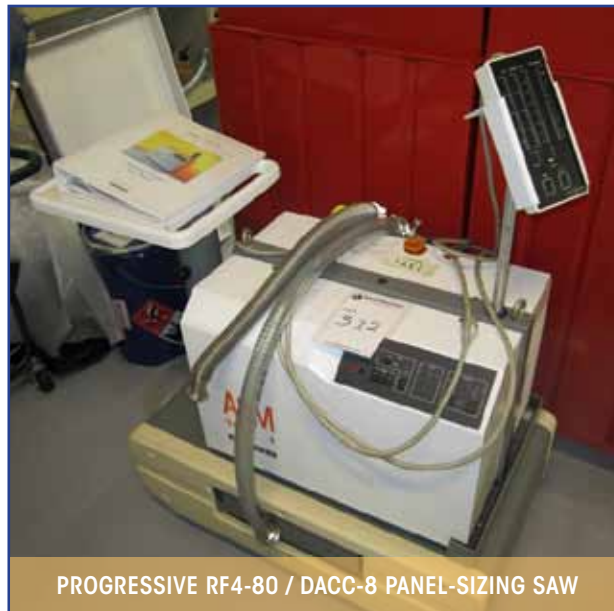


ALD P400 ATOMIC LAYER DEPOSITION



## FEATURED ASSETS

- Alcatel ASM 180 T Helium Leak Detector
- ALD P400-M (QTY. 3) Atomic Layer Deposition, large batch up to 20 150mm or 200mm wafers, or 80 100 wafers. Precursor delivery system by temperature control and pressure, Edwards IH 600 vacuum pump, deposition temperature 20-600c, PLC through HMI
- AIO Sonic Fog
- Biacore 2000 Image Surface Plasmon Resonance System
- Coherent SABRE TSM 7 Argone Ion Laser, Multiwave
- Dektak 3 Surface Profiler
- K&S 961 film wafer mount taper, 8"
- Melos Griot Optical Table
- Newport Laminar Flow Isolator Optical Table, Approx 8' x 5'
- Reynoldstech 6 Station Wetbench
- Royce A45 AutoPlacer Die Handling System with Uni-Lite 1/2X Coaxial Illuminator and Optem VSI1 10 Illuminator, NEC 1960NXJ LCD Monitor
- Semitool 2700 Spin Rinse Dryer
- Semiconductor Equipment Corp 360 UV cure
- Tornado Hepa vacuum
- Ultron Systems UH 114-12 Wafer/Frame Film Applicator
- Vestil Clean Room Lift
- Wafer Scrubber Post Dicing



PROGRESSIVE RF4-80 / DACC-8 PANEL-SIZING SAW



### CHEMICAL STORAGE

Air Products 801-4702499 Gas Cabinet  
 Applied Energy Systems Gas Cabinet  
 Eagle CRA-47 45 Gal. Corrosives Cabinet  
 SciMat Flammable and Corrosives Cabinet  
 SDC CIPHERCON 1500 (Qty. 2) Gas Cabinet  
 Justrite 25730 22 Gal. Flammable Storage Cabinet  
 Justrite 25450 45 Gal. Flammable Storage Cabinet

### CHILLERS

Haskris Chiller  
 Neslab CFT-75 Recirculating Chiller

### ELECTRONIC TEST & MEASUREMENT

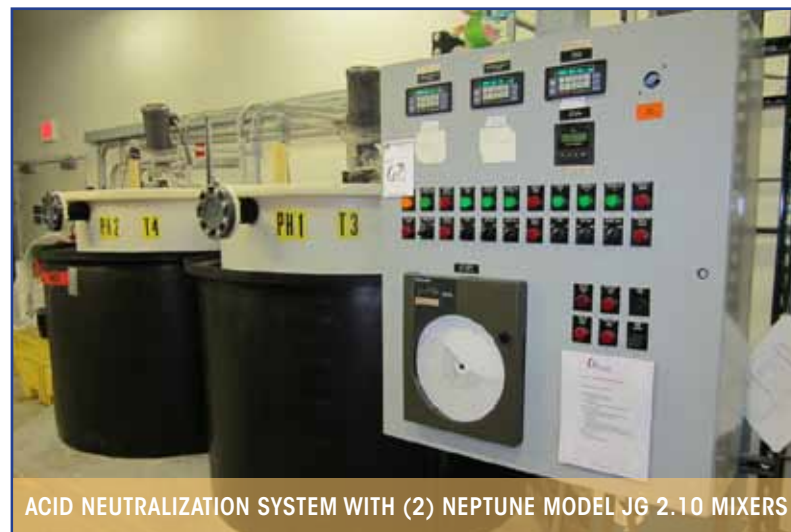
Agilent 8164A Lightwave Measurement System  
 HP 5315A Universal Counter, 0.1Hz to 100MHz range  
 HP 34401A Digital Benchtop Multimeter  
 Newport 2835C Multifunctional Optic Meter  
 Perkin Elmer Spectrum One FTIR Spectrometer  
 PI C-844 Precision Motor Controller  
 Tektronix 2465-CTS 4-Ch 300 MHz Portable Oscilloscope

### FUME HOODS

Super Tec Type STP-N612 Grinding Machine

### PUMPS

Bell & Gossett 1510 (2) 10 HP Water Pump, 200 GPM, 1800 RPM  
 Busch Vacuum System Manchester 200 gallon tank, yr 2001  
 Ebara A10S Dry Pump  
 Ebara A30W Dry Pump  
 Edwards XDS 10 Vacuum Pump



ACID NEUTRALIZATION SYSTEM WITH (2) NEPTUNE MODEL JG 2.10 MIXERS



**MUCH MORE SUPPORT EQUIPMENT ONLINE!**

To obtain more information including scheduling a site preview, please visit [www.hgpaction.com](http://www.hgpaction.com) or Contact **Brandon Smith** at **+1 973.265.4090** or Email [bsmith@hgpaction.com](mailto:bsmith@hgpaction.com).

## LARGE INVENTORIES OF OFFICE AND SUPPORT EQUIPMENT



### HUGE INVENTORY OF OFFICE EQUIPMENT AND FURNISHINGS

**Including:** 14' Conference Table with 12 Caster Chairs, 8' Conference Table with 6 Caster Chairs, White Board, Easel, Maytag PTB1949GR Refrigerator/Freezer, Roper RT18DKXKQ01 Refrigerator/Freezer, Tables with 14 Folding Chairs, Executive Desks, Work Stations with Overhead Bins, 3 Drawer Vertical Cabs, 2 Drawer Vertical Cabinets, 2 Drawer Lateral File Cabinets, Bookcases, White Boards, Recreational Room Equipment and Much More!

### SHOP SUPPORT EQUIPMENT

**Including:** Craftsman Tool Chest (4), Jet JDP-15MF 3/4-Horsepower 15-Inch Floor Model Drill Press, Milwaukee Dual Wheel Bench Grinder, Birmingham BPS Turret Milling Machine with (2) Align Super Power, Abrasive Blast Systems Sand Blaster, LiftRite Titan 1500 Lbs Capacity Pallet Jacks, Ridgid Shop Vacs and Much More!

### NETWORK EQUIPMENT

**Including:** Cisco Catalyst 3560G 48 Port Switch, Compaq Proliant ML350 Server, HP Proliant DL350 G7 Xeon Blade Server, WatchGuard Firebox X750e

### COMPUTER EQUIPMENT

**Including:** Dell Qty (2) 24" Wide Screen LCD Monitors, Lot: (30+) Computer Monitors including Dell Flat Panels/CRT Monitors, Lot: (30+) Desktop Computers, nfocus X1 Digital Light Projector and Much More!

# ASSET ADVISORY AND AUCTION SERVICES



## Heritage Global Partners

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### Global Headquarters

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Forwarding Service Requested

# GLOBAL WEBCAST AUCTION : JUNE 8, 10:00 AM EDT

On behalf of:

## NANT OPTICS, LLC

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### AFFILIATIONS



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Complete Terms & Conditions are contained in the Side Catalog and on the website at [www.hgpauction.com](http://www.hgpauction.com).  
Please review the terms and Conditions prior to placing bids on any items.  
Global Headquarters: San Diego, California