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Exceptional Offering of Front-End, Assembly & Back-End Semiconductor Equipment, Plus A Large Quantity Of Optical Test Equipment

Webcast Auction • May 24, 2005
9am ET • Breinigsville, PA

Featured Online Auction • May 24 through May 26, 2005

Day #1 Assets:
Online Bidding Begins:
May 24, 2005 • 3pm PDT
Online Bidding Ends:
May 25, 2005 • 12pm PDT

Day #2 Assets:
Online Bidding Begins:
May 24, 2005 • 3pm PDT
Online Bidding Ends:
May 26, 2005 • 12pm PDT

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Surplus to the continuing operations of

TriQuint
Optoelectronics

®

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DoveBid is extremely pleased to have been selected by TriQuint Optoelectronics, Inc. to conduct this Webcast Auction and Featured Online Auction of Exceptional Offering of Front-End, Assembly & Back-End Semiconductor Equipment, Plus A Large Quantity Of Optical Test Equipment. The sale will feature a wide range of quality equipment, including:

- Front End, Assembly & Back End Semiconductor Equipment
- Optical Equipment
- Laser And Fiber Optics
- Test & Measurement Equipment
- Inspection Equipment
- Large Quantity of Lightwave, Optical & Universal Test Equipment
- More Assets Being Added Daily

The Webcast Auction will be conducted in Breinigsville, Pennsylvania with a preview of the assets being held on May 23, 2005 from 9am to 4pm ET. Feel free to attend the preview or visit our website at www.dovebid.com to download the auction catalog.

Additional Information
- A buyer's premium will apply at this sale.
- The auction will be conducted in English and will accept only U.S. currency.
- Bid live in person or on the website at www.dovebid.com.
- Select assets may be subject to prior sale

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Can't make it to Breinigsville, PA? No problem. With DoveBid’s proprietary Webcast technology bidders around the world can bid at this auction from the convenience of their home or office through the Internet. Webcast technology allows you to virtually bid against bidders who are on the factory floor.

Log on to www.dovebid.com and register even on auction day to bid in real time! All you need is a computer, Internet access, and a touch-tone telephone to participate.

Prior to the auction, preview the assets online via digital photos and comprehensive descriptions. During the auction, view the current asset being sold on your computer screen as you listen to the Auctioneer live on your telephone. You press 1 on the telephone keypad to raise your paddle and press the # key to end your bid. And as a courtesy to our Web buyers, DoveBid can provide contact information for shipping companies that will be attending the auction. Thousands of bidders from hundreds of locations around the globe have participated in DoveBid Webcast Auctions. It's fast, simple and convenient! Save money on travel expenses and next time we will see you ONLINE!
Front End, Assembly & Back End
Semiconductor Equipment

Deposition

1 – Surface Technology Systems Multiplex RIE,
(2000), Complete But Not Including: Control Cabinet,
STS Cluster Multiplex, Power Distribution Panel,
Interlock Display, Conductivity Meter, MKS 600 Series
Pressure Controller, Phiffer Vacuum Pump Controller,
2 Rack Mounted PCS, STS Affinity Chiller, and ENI
Motion Controller, (2) Power Boxes, STS Gas Cabinet,
(2) Target Holders, Miscellaneous Cables, Ceramic Target
Positioners, Target Holders

1 – STS Multiplex CVD Chemical Vapor Deposition
Tool,
(1999), Currently Missing Some Modules with Damaged
Arm, S/N 14141, Edwards IQ System Model IQDP80
Vacuum Pump, S/N 996304696 with Mechanical Booster
and Microprocessor Control, Edwards Model
E2M40-PFPE Vacuum Pump, S/N 996302111 with RF
Generator Model ACG3B, with RFPP Model LF-5RF
Power Products Controller

Evaporators

1 – CHA Industries Mark-50C-RH Vacuum
Evaporator,
Including: Inficon 1C5 Deposition Controller,
Granville-Phillips Model 307 Vacuum Gauge Controller,
CHA SR Power Supply Controller-1, CHA Industries
Autotech 2 Ventilation Controller, CHA Industries
Deposition Controller, CHA Industries Shutter
Controller, CHA Industries EB Gun Rotation Controller,
CHA Industries Water Controller, CHA Industries
Fixture Controller, CHA Industries Onboard Digital
Controller, CHA Industries Model SR10 Power Supply,
Polycold High & Low-Pressure Chiller

1 – Temescal BJD-1800 Evaporation,
Including: Temescal Model CV8 Power Supply, Helix
CTI-Cryogenics SC-350 Model 8032-02801 Compressor,
Helix CTI- Cryogenics 8011 Model 8052300 Controller,
Inficon IC5 Deposition Controller, BOC Coating
Technologies Programmable Sweep, Temescal Gun
Controller, Temescal CV-8 Power Supply, Ametek Dycor
Quadrupole Power Supply,

1 – Oxford Model 200 Evaporator

Reactors

1 – Axitron Model 31010337
Reactor,
Including: Double Sided
Glove Box Vacuum Chamber
Workstation, Gas Cabinet,
Power Supply Model
10010095, Axitron Control
Panel with Luxtron Model
100C Fiber Temperature
Control System, (2) MKS
PR4000 Temperature
Controllers, and MKS 600
Pressure Controller

Visit the website for the most up-to-date information
(1,000+) Pieces Of Optical & Universal Test and Measurement
Includes: Agilent, Ando, Exfo, HP, JDS Uniphase, Keithley,
Stanford Research, Tektronix & Much More
Hundreds More Assets Being Added Daily
Plasma Aligners

1 – Karl Suss MA100 Type 116MA004 Mask Aligner, S/N 3035 Titan Tool Supply Company Inc. Fiber Illuminator, Including: Hitachi CCD Monitor, Hyundai PC, Misc. Filters, (2) Leitz Wessler MPL Fluotar 10x Objective Lenses

1 – Karl Suss Model MJB3 Photomask Aligner, S/N 1620

Sputtering System


Test Equity 1000 Series Temperature

Mask Aligners

1 – Karl Suss MA100 Type 116MA004 Mask Aligner, S/N 3035 Titan Tool Supply Company Inc. Fiber Illuminator, Including: Hitachi CCD Monitor, Hyundai PC, Misc. Filters, (2) Leitz Wessler MPL Fluotar 10x Objective Lenses

1 – Karl Suss Model MJB3 Photomask Aligner, S/N 1620

Spray Etcher

1 – APT Model 9165 Spray Etcher

Die Bonders/Ribbon Bonder


10 – Dover Instruments Auto Bonders, With Dover Instruments 2 Channel Bus Power Supply, Dover Instruments Air Pressure Gauge, Dover Instruments Approximately 4’x5’ Granite Surface Plate, and Gantry Style Tracks, HP E3612A Power Supply, (2) American Reliance Model PPS-18-4D Programmable Power Supply, 1 NEC MultiSync Model 8750 Monitor

1 – Esec Model 3088 Wire Bonder

1 – Palomar Products # 2 Ribbon Bonder

1 – Kulicke & Soffa Model 4124 Wire Bonder

1 – Westbond Model 4546E Wire Bonder

1 – Westbond Model 7316A-43A-44A-45C Die Bonder, S/N 9993

1 – Westbond Model 7372B Die Bonder, S/N 12972

1 – Westbond Model 7200 Wire Bonder

1 – Westbond Model 7600B Wire Bonder

1 – Hybon Model 522A Wire Bonder

1 – Adept Multi-Bonder #2 Die Bonder
Seam Sealers
1 – Benchmark International, Inc Gen II Seam Sealer, S/N 0899SM8
1 – Benchmark International, Inc Model SM80005A Seam Sealer Thermal Processing Unit

Ovens
2 – Yes Model YES-450PB6-2P BCB Cure Ovens, S/N’s 88512, 88478

Dispenser
1 – CST Model CST-20/2-MDS Dispenser, Automatic Chemical Blending Machine
2 – Asymtek M-600 UC3 Fluid Dispensing System, With Loader & Unloader

Laser Source/Weld Systems
3 – NEC FX -1801 Yag Laser
1 – 1.3 Micron Laser Source
2 – Unitek Miyachi Model LW52 YAG Laser
1 – YAG Laser Unitek Miyachi LW51
3 – AOI Model FX-5050 Laser Weld Systems

Wet Benches & Acid Hoods
3 – ReynoldsTech Wet Benches, 8ft
5+ – Victor Acid Hoods
3+ – Victor Solvent Sinks

Miscellaneous
Vacuum Pumps, Compressors, Chillers, SS Benches And Cabinets
Support Equipment Including Wire & Die Bonders, Epoxy Dispensers, Tensile & Pull Testers, Solder Stations, Assembly Tables

Leak Detectors
1 – Balzers Model HLT 160 Helium Leak Detector
1 – Varian Model Autotest 948 Leak Detector
3 – Veeco MS-50 Dual Port Leak Detectors
1 – Veeco MS-40 Helium Leak Detector
## Optical Equipment

### Fusion Splicers and Cleavers Including

- 3 – Fujikura FSM-30S Splicers
- 1 – Fujikura FSM-20BM Splicer
- 1 – Fujikura 20PM2ii Splicer
- Ericsson, Sumitomo, & Fujikura Cleavers

### Forced Air Systems

- 5 – Thermonics Model T2427 & T2425 Precision Forced Air Temperature Systems
- 10+ – Temptronics X-Stream 2000 & TP04000A Thermal Inducing Systems

### DSC

- 1 – PerkinElmer PYRIS1 DSC Differential Scanning Calorimeter

### Motion Controllers

- 24 – AeroTech Motion Controllers,
  - (1) Model 105730L, (1) Model U100M-A, (17) UNIDEX 100, (3) UNIDEX 11, (2) UNIDEX 12
- 1 – Anorad Motion Controller
- 3 – Klinger Motion Controllers/Stepper Motors,
- 7 – Melles Griot Motion Controls,
  - (4) Model 17MCW013, (1) Model 17NTT101, (2) Model 17PCZ013
- 1 – Melles Griot Nanotrack System 17MMR001 Motion Control System
- 28 – Newport Motion Controllers,
  - (23) Model MM3000, (5) Model PM500-C

### Laser Diode Controllers

- 20+ – Newport Laser Diode Controllers,
  - (1) Model 6000, (1) Model LDC-3722B
- 2 – E-Tek Model MLDC1032 Controller Laser Diodes
- 40+ – ILX Laser Diode Controllers,
  - (1) Model LDC-3742, (1) Model LDC3900,
  - (2) Model LDC3900, (1) Model LBC3908,
  - (4) Model LDC 3916, (2) Model LDC-3722,
  - (5) Model LDC-3722B, (1) Model LDC-5724,
  - (2) Model LDC-3724B, (3) Model LDC-3900,
  - (2) Model LDC3908, (13) Model LDC-3916,
  - (1) Model LVC-3744B

### Optical Tables

- 25+ – Newport Air Tables,
  - Sizes 2’ x 3’ To 5’ x 12’

### Laser Mounts

- 3 – Etek Model LBTS-BUF-HS-16 Butterfly Laser Mounts
- 2 – Newport Model 740 Laser Mount
- 1 – Newport Model LW4500-SYS Laser Welder Workstation

### Servo Motors

- 45 – AeroTech Model 101SMB2-HM Servo Motors

### Alignment Module

- 1 – Melles Griot Model 47880 Alignment Module,
  - Split Field

### Laser And Power Supply

- 1 – Melles Griot Model 05-LGR-193 Laser and Power Supply

### Piezoelectric Controller

- 1 – Melles Griot Model 17PCZ013 Piezoelectric Controller

### Fiberscopes

- 10+ – Westover, Nikon & Optispec
- 7 – Westover Fiberscopes,
  - (2) Model FB-200, (5) Model FV200

### Microscopes

- 40+ – Leica Models Wild M8, M420, M450 Microscopes
- 25+ – Nikon Models 62708, Eclipse L200, ME600 UM2, MM-40, MM60, Optiphot, PBERG, SMZ-1, SMZ-10, SMZ-1000, SMZ-U Microscopes
- 15+ – Bausch & Lomb Model StereoZoom 4, StereoZoom 5, StereoZoom 7 Microscopes
- Zeiss & Vision Microscopes, Parts, Illuminators and more.

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To view a complete asset list, visit [www.dovebid.com](http://www.dovebid.com)
Optical and Universal Test and Measurement Equipment – (1000+) Pieces

Including Agilent, Ando, Anritsu, Exfo, HP, JDS Uniphase, Keithley, Rhode & Schwartz, Stanford Research, Tektronix

More Being Added – Partial Listing

Lightwave Component Analyzers

1 – Agilent 86030A Lightwave Component Analyzer, LAN Connectivity, 1550nm Optical Carrier, 50GHz with Rack & Display

7 – HP Lightwave Component Analyzers,
(5) HP 8703A, (1) HP 8702D, (1) HP 8702B

Network Analyzer

1 – Agilent 8720ES Network Analyzer

Lightwave Measurement

5 – Agilent 8164A
3 – HP 8509B
3 – Agilent 83434A
2 – Agilent 83433A
2 – Agilent 83330A
100+ – Agilent/HP 8153A & 8163A

Optical Attenuators

35+ – Agilent/HP 8156A, 8156B, 8157A, & 8158B
15+ – JDS Uniphase HA9 & VA4

Optical Spectrum Analyzers

20+ – HP 70950B & 709051B
10+ – Agilent 86141B, 86142B & 86142A
1 – Ando AQ-6315E
1 – Ando AQ-6330
1 – Ando AQ6310C
75+ – HP 7004A with Various Plug Ins

Spectrum Analyzers

1 – Agilent 8564EC, 30Hz-40GHz
1 – Tektronix TDS 8000
1 – HP 8566B
1 – Rhode & Schwartz FSEK
1 – Anritsu MS9710B Lightwave Component Analyzer

System Analyzers

1 – Agilent 50GHz Test Station

To schedule an auction, call our Connecticut Office Office • Phone 203.221.2796
Signal Generators
3 – HP 8656B
4 – Agilent 8648B
2 – HP 8648C
1 – HP 8683A
1 – HP 8657A
1 – HP 87123B
1 – HP 3325B
1 – Rhode & Schwartz SMY02

Pattern Generator
10+ – HP 70841B
1 – HP 8131A
1 – HP 8116A
1 – Anritsu MP1604A
1 – Anritsu MP1601A
4 – Anritsu MP1763B
1 – S Parameter Test Set
1 – HP 85047A

Switch Systems
35+ – Keithley 7002

Source Meters
35+ – Keithley 2400 & 2420
15+ – Keithley 2510

Trigger Controller
10+ – Keithley 2361

Fiber Optic Switches
35+ – JDS Uniphase SB1C40124X27 Series
5+ – JDS Uniphase SC Series

Semiconductor Equipment
1 – MTI Model NSX-250 Dicing Saw,
    S/N 7146

Test Equipment – Over 100+ Pieces Including
1 – Agilent Model E4805B 2.67GHz Central Module,
    S/N DE40700355
9 – Agilent Model E4861A 2.67 Gbit Gen/An Modules
    S/N’s DE40700837, DE40700829, DE40700839, DE40700769,
    DE40700852, DE40700827, DE407EX051, DE40700798,
    DE40700768, DE40700801
1 – Agilent Model E8403A 13-Slot C-Size VXI
    Mainframe (ParBERT),
    S/N US38001453
1 – D-Link Model DSS-24 24-port 10/100 Ethernet
    Switch
    S/N IL19401117
1 – DUT Model NEI Medusa-3 Test Fixture
1 – HP Model E1482B VXIbus to MXIbus Converter
1 – NEI Model Medusa-3 DUT Test Fixture

Solder Rework Station
1 – Metcal Model MX-500P-11 SmartHeat Solder
    Rework Station,
    S/N MX1-59393, NE 0048, Includes Soldering Iron And
    Holder

Boards
2 – Model NEI CB00008800 BIB DUT Boards
1 – Medusa 3 Model CB00007701 Test Board

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up-to-date information
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Measurement Includes: Agilent, Ando, Exfo, HP,
JDS Uniphase, Keithley, Stanford Research,
Tektronix & Much More
Hundreds More Assets Being Added Daily
Laser And Fiber Optics

Lasers
2 – Unitek Miyachi Model LW51YAG Lasers
1 – NEC Model FX-1801YAG Laser, S/N 218

Optical Head Interface
1 – HP Model 81533A Plugin Optical Head Interface, S/N 2949G00697
1 – HP Model 81525A Optical Head, S/N 3815G04307

Fiber Optic Switches
10 – JDS Model SB Series Fiber Optic Switches, S/N’s BD061593, LD030539, BD061594, JD048665, BD087153, BD087755, DD17330, BD039388, HD087057, JD153016

Motion Controllers
2 – Aerotech Model U100M-A-160-F0.8/IE488 Multitasking Motion Controllers, S/N’s 112379/4, EFK136-17/5

Plug-In Filters
1 – Agilent Model 86105A Plug-In 2488 MB/S Filter, S/N US39441008

Test & Measurement Equipment – 100+ Pieces including

Digital Multimeters
1 – Agilent Model 34401A Digital Multimeter, S/N US36131102
2 – HP Model 8153A Lightwave Multimeters, S/N 2946G12486, 2946G09815
1 – Keithley Model 2000 Multimeter, S/N 0698718

Analyzers
1 – Agilent Model 86100A Digital Communications Analyzer, S/N US40378754
1 – Agilent Model 70843B Error Performance Analyzer, S/N GB0000830
1 – Agilent Model 86141B Optical Spectrum Analyzer, S/N US40150132
1 – HP Model 70950B Plug-In Optical Spectrum Analyzer, S/N 3545A00641
1 – HP Model 83480A Digital Communications Analyzer, S/N US40280265

Lightwave Transmitter
1 – Agilent Model 83433A Lightwave Transmitter, S/N US39080121

Scopemeter
1 – Agilent Model 105B Scopemeter Series II, S/N DM6650277

Wavelength Meter
1 – HP Model 86120C Wavelength Meter, S/N US38401856

Attenuators
2 – JDS Model HA9 Optical Attenuators, S/N’s LE067435, KE008214

Signal Generator
1 – HP Model 70340A Plug-In Signal Generator, S/N 3339A00818

Source Meters
1 – Keithley Model 2400 Source Meter, S/N 841996
1 – Keithley Model 2420 3A Source Meter, S/N 706982
2 – Keithley Model 2510 Tec Source Meters, S/N’s 0809029, 0812112

Documenting Process Calibrator
1 – Agilent Model 743B Documenting Process Calibrator, S/N 7432209

Inspection Equipment

Interferometers, Microscopes And Fiberscopes
1 – DORC Model ZX-1 MiniZoom Interferometer, S/N 2365625
1 – ROI Sprint Microscope, S/N 20304-00-905
2 – Westover Model FV-200 Fiberscopes, S/N’s WS04-102B-2922, WS04-102B-2926

Assembly And Back-End Tools

Loader/Unloader
1 – Asymtek Model MM-FSLU-STD Loader, S/N 11897
1 – Asymtek Model MM-FSLD-STD Unloader, S/N 11898

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MAY 10: CADBURY SCHWEPPES (TREBOR BASSET) – (ON-LOCATION) Modern Confectionery Processing Plant & Ancillary Equipment. Chesterfield, United Kingdom

MAY 10: IT EXCHANGE #42 – (ONLINE) Computer Equipment, Telecom and Office Equipment. DoveBid.com (USA)

MAY 17: RODENSTOCK NORTH AMERICA, INC. – (WEBCAST) Automated Prescription Technology Manufacturing & Support Equipment. Lockbourne, OH USA

MAY 18: ELECTRONIC ASSEMBLY EXCHANGE #12 – (ONLINE) SMT, PCB, and Semiconductor Manufacturing Equipment. DoveBid.com (USA)

MAY 19: G & S ELECTRIC COMPANY – (ON-LOCATION) Electrical Contractor Equipment. Troy, MI USA


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