

# MAJOR ONSITE & WEBCAST AUCTION

COMPLETE CLOSURE OF (2) MANUFACTURING FACILITIES  
SPECIALIZING IN PACKAGING FOR THE SEMICONDUCTOR INDUSTRY

BY ORDER OF

## QUANTUM LEAP PACKAGING

SALE SITE: 200 RESEARCH DRIVE, WILMINGTON, MA 01887

CALIFORNIA LOCATION: 11870 COMMUNITY ROAD, POWAY, CA 92064

SALE DATE: TUESDAY, MAY 12, 10:30 AM (EDT)

INSPECTION: MONDAY, MAY 11, 9 TO 4 PM (LOCAL)



Sodick Plustech #TR20-EH Injection Molder



Kulicke  
& Soffa  
#7300-  
CSP  
Wafer  
Saw



Blue M  
(TPS)  
#IGF-7780-  
G-MP550  
Electric  
Oven



Asymtek Axiom X-1000 Precision Batch Dispenser

MAJORITY OF EQUIPMENT NEW 2007-2008

Sale under Management of:

Thomas Industries, Inc.

2414 Boston Post Road, Guilford, CT 06437-2310

Phone (203) 458-0709 • Fax (203) 458-0727

email: [gavel@thomasauction.com](mailto:gavel@thomasauction.com) • [www.thomasauction.com](http://www.thomasauction.com)



**QUANTUM LEAP PACKAGING, INC. DESIGNS AND MANUFACTURES HERMETIC AND NEAR-HERMETIC AIR CAVITY PACKAGES FOR SEMICONDUCTOR ASSEMBLY. IT OFFERS AIR CAVITY QFNs, SOICs, AND LIQUID CRYSTAL ON SILICON PACKAGES, AS WELL AS CONNECTOR-IN-PACKAGES. THE COMPANY'S PRODUCTS ARE DESIGNED FOR A VARIETY OF APPLICATIONS, INCLUDING OPTICAL ELECTRONICS SYSTEMS, IMAGE SENSORS, HB-LEDS, MEMS, -FOR MORE INFO VISIT WWW.QLPKG.COM**



Dr Collin #ZK25XX42N Twin Screw Extruder



Comet V100 Volumetric Resin Feeders



Thermal Care Model 65999-06-4 Mold Temp Controllers



Thermotron # ATS-100-H3-3 Environmental Test Chamber



Blue M (TPS) #AGC-170G-MP2X309 Inert Gas Oven



Millport #3KV Vertical Mill W/ Proto-Trak Control



Thermotron #SM8 Environmental Test Chamber

Cincinnati Sub-Zero #TSB-2P-1.5-1.5-S/A/C Thermal Shock Tester



Yamato Electric Oven Model DKN 400



Mitsui High-Tec #MSG-200MH Surface Grinder

Sodick Plusstech #TR40-EHV Injection Molder



### ASYMTEK DISPOSING SYSTEM

**Asymtek** Spectrum S-820 Precision Batch Dispenser for Semiconductor Packaging (New 2007), w/Viewsonic Portable Air Conditioning System Model 30KE S/N 30839, Asymtek Series 400, IBM Intel Edgetech Portable Model 1500 Battery Powered Scanning System

### PELLETIZING LINE

**Dr Collin** Twin Screw Kneader Extruder Model ZK25XX42N, (New 2007), 25 mm, Dual Hopper Feeders, Wasser Water Troth Wasser D4330-34-07; Pelletizer Type STRANGGRANU Model CSG 17 ?, S/N 413-34-07; Ktron Proce Model KSU-11 Control, High Temp Barrel Package, Abrasive Resistant Screws and Barrel System.

### MOLD TEMPERATURE CONTROLLERS

- (8) **Thermal Care** Model 65999-06-4 RO 06 15 03
- (3) **Whitman** Mold Temperature Controllers Tempro Plus Model 1320
- (3) **DME** Mold Temperature Controllers, 2, 4 & 5 Station, Smart Series

### INJECTION MOLDERS

- (3) **Sodick** Plusstech #TR40-EHV Vertical Injection Molding Machines, S/N S024, S024 & S026 (New 2004), 14mm Screws; 22mm Plungers; w/Comet V100 Volumetric Resin Feeds - (3) 22 mm Screws/Barrel Assemblies and Heater Bands
- Sodick** Plusstech #TR20-EHV 20 Ton Vertical Injection Molding Machine (New 2004) 16mm Screw, 16mm Plunger
- Sodick** Plusstech #TR20-EH Horizontal Injection Molding Machine (New 2004), S/N K159, 22 Ton, Screw Dia. 14 mm (0.6"), Plunger Dia. 12mm (0.5")

### ROBOTS

**Mitsubishi** #RP-33AH Pick and Place Robot, Digital Controlled

### SCREEN PRINTER

**Presco** Thick Film Screen Printer, Model 885, 12" x 12" Screen Size, Bench Type

### WAFER SAW

**Kulic & Sofa** Wafer Saw Model 7320CSP, S/N 540012 (New 2001)

### RESIN DRYING/VACUUM SYSTEMS

- (3) **Comet** Dryer #CDH-301T-480V, New 2004, w/SS Hoppers
- Comet** Dryer #HCD-100 S/N 930001, New 2004, 480 Volt, 60 Hz, Digital Controls
- Comet** Vac System # M2-40-SP-CP6, Comet Vacuum Power Supply
- Dri-Air** Dryer #ARIDX-10FMB, S/N D16036, 230 Volt, Single Phase, Bench Model, Digital Controls
- (2) **Dri-Air** Hopper Model RH15 & RH5

### PLASMA CLEANING REACTOR

**AST** Plasma Cleaning Reactor, Model 350 S/N 052371, (New 2007), 230 V, 20 Amp, 3 Ph, 50/60 Hz

**Metrolin/IPC** Model M4L Plasma Parts Cleaner, Bench Model, Configuration 3 Gas/5 Shelf, S/N 4064

## (2) LOCATIONS: MASSACHUSETTS & CALIFORNIA

### THE SALE WILL BE CONDUCTED LIVE ONSITE & WEBCAST FROM MA LOCATION



(3) Azimuth 6 Ton OBI Bench Presses



CJI Process Systems Plating Line w/ 68-Tanks



Asymtek  
Spectrum  
S-820  
Precision  
Batch  
Dispenser



Perkin Elmer AANALYST 200 Spectrometer



Nikon Microscope W/ Quadra-Chek DRO



Clean Air Products Portable Clean Room



OGP Smartscope Flare Coordinate Measuring System



Busch Vacuum Pump



View of Desiccant Cabinets

#### PLATING SYSTEM

**Maltz** Plating System (New 2007), Prototype Plating System, Consisting of: (3) Akali Rinse Stations, (5) Acid Rinse Stations, (4) BT Rinse Stations, Station Size: 8" x 13" x 18" D, w/Process Tech Heaters, Plating Stations: Nickel, Nickel Cobalt, Palladium, Gold, Silver, w/Tec Nu 5-20 Amp Rectifiers

#### REFLOW OVEN

**SST International** Vacuum Solder Reflow Oven Model 1200, (New 2004), Digital Controlled

#### UV CURING SYSTEM

**Highmax** UV 2000 Curing System, S/N 1110 (New 2007), Digital Controls

#### (20+) ENVIRONMENTAL TEST CHAMBERS & OVENS (AS LATE AS 2007)

- (3) **Blue M** (TPS) Electric Ovens Model IGF-7780-G-MP550 , Max Temp 1100 Degrees F, 480 V, W/ Dwyer SCFH Air Flow Controls; Digital Controls, Chart Recorders
- Blue M** (TPS) Inert Gas Oven Model AGC-170G-MP2X309, S/N DCA-287, Digital Controls, Blue M Chart Recorder, Max Temp 1100 Degrees F
- Thermotron** Environmental Test Chamber Model SM8 S/N 30201, New 2000, W/ Thermotron Model 2800 Programmer/ Controller
- Thermotron** Dual Chamber Environmental Testing Chamber, Model ATS-100-H3-3 New 2004, S/N 534/9492RF
- (2) **VWR Scientific** Vacuum Ovens, Model 1430M, S/N 00103 & 0400599 (New 2004), Single Door, Digital Controls
- Blue M** Electric Oven Model IGF-7780-G-MP550, S/N 0701000102, Max Temp 1100 Degree F
- Blue M** Inert Gas Oven Model 9980 Ultra Temp Oven, S/N 37X-522-93, Max Temp 1100 Degrees F, Digital Temp Controls, Honeywell Chart Recorder, Dwyer SCFH Air Gage
- (2) **Blue M** Stabil-Therm Oven Model OV-490A-3, Bench Type, 260 Degrees C
- Cincinnati Sub-Zero** Thermal Shock Testing Unit Model TSB-2P-1.5-1.5-S/AC, S/N 06-TS14485 (New 2006)
- Teca** Thermoelectric Cold Plate Model AHP-301CPHC, Model S/N 064303603
- Vulcan** Model A-550 Bench Model Electric Oven
- Yamato** Electric Oven Model DKN 400, S/N A9100007, 115 Volt
- Yamato** Model DKN 400 Constant Temperature Oven Digital Control
- Baxter Scientific Products** Vacuum Drying Oven Model DP-32, S/N 203011, 115 Volt
- Barnstead** Bench Model Oven #FB1315M, S/N 1256040914401
- Fischer Scientific** Bench Model Electric Oven Model 126, S/N 20600020
- Lindberg Blue M** Horizontal Belt Type Oven, 6" Belt, 4-Zone, Digital Control

# SALE DATE: TUESDAY, MAY 12, 10:30 AM (EASTERN)



Branson 2000 Ultrasonic Welder



Blue M  
#LGF-  
7780-F-  
MP550  
Inert Gas  
Oven

Branson  
Degreaser  
Model  
B452R



Delta #T30 Cooling Towers, Self Contained



Esco  
Laminar  
Flow  
Cabinet  
Model  
Airstream

Grieve  
Convection  
Oven  
Model  
CAH-350



Ingersoll Rand 7.5 HP Rotary Screw Air Compressor



Kulicke & Soffa 4123 Stereo Zoom 4 Microscope



Perkin Elmer Aanalyst 400 Spectrometer

## LEAK DETECTORS

(2) **Varian** Turbo Spectrometer Leak Detectors Model Auto-Test 947, (New 2004)

**Anelva** Helium Leak Detector Model M-222LD-H, S/N AF072119

## DEGREASERS

**Branson** Degreaser Model 452R W/ Robot Arm, S/N 12-4165-03 (New 2003), Digital Controls

**Crest** Ultrasonic Cleaner Model 175HTA, S/N 01HS 47072, Bench Model

**Ultrasonic** #CD-4800 Digital Bench Model Parts Cleaner

## X-RAY

**Oxford** X-Ray System Model CMI 950 S/N 030695R, Florescent Measurement System, Equipped W/ Dell Pent IV Computer W/ Screen

## VACUUM FORMING MACHINES

(2) **Formech** Vacuum Forming Machine Model 300XQ (New 2007)

## TOOLROOM

**Millport** Vertical Milling Machine Model 3KV11 W/ Proto Trak Plus 3-Axis CNC Control, S/N 9110, New 1990 (Proto Trak New 2005)

**Bridgeport** Vertical Milling Machine, 1 1/2 HP, 42" Table, Power Feed, S/N 12BR143410, Millman 2 Axis Digital Readout

**Kalamazoo** Horizontal Metal Cutting Band Saw Model H9AW, S/N K21691

**MSC** Vertical Metal Cutting Band Saw Model 09154639, S/N 0645289 W/ Butt Weld and Grind Attachment

**Mitsui** High-Tec 6 x 12 Surface Grinder Model MSG-200MH, S/N 98019178, New 1998, W/ Acu-rite Digital Readout

**OTC** 4-Post Shop Press, 20-Ton Hydraulic

Large Assortment of Toolroom Support Equipment: Vises, Double End Grinders, Belt/Disc Sanders, Drill Presses, Kick Presses, Collets, Rotary Tables, Collet Sinks, Harig Grind All #1 Fixture, Tap/Drill Sets, Precision Twist Drill Set 115 Pieces, Parallel Bars, Phase II 5C Spin Indexing Fixture, Huot Drill Cabinets, Makita & Dewalt Power Tools, Suburban Sine Plates, etc.

## PRESS: HYDRAULIC-PNEUMATIC- OBI

(3) **Azimuth** 6 Ton OBI Bench Presses, 1 1/4" Stroke, 190 SPM, Palm Controls

**Grimco** Platten Press, Platten Size Approx 12" LR x 18" FB, W/ Digital Controls

**JT&M** Bench Model Hydraulic Press Model A-1070-A 5480 Capacity 560 lbs.

**JT&M** Bench Model Hydraulic Press Model A-1070-A S/N 5481 Capacity 560 lbs.

**JT&M** Pneumatic Press Model A3235, Cap 1880 Lb, S/N 6385, New 2008

**PA Industries** Uncoiler Model SR100-S-SP S/N X15974-36-92564

# WEBCAST BIDDING AVAILABLE AT WWW.BIDSPOTTER.COM



Raypak Hot Water Boiler



Robotic Process Systems #ST-2 Steam Aging System



So-Low Environmental Freezer

## LABORATORY

**United McGill** Autoclave Model 436, S/N 9671, New 1991 Max Allowable Pressure 330 PSI at 700 Degrees F, Min Design Metal Temp -20 F at 330 PSI  
**Kulic & Sofa** Vacuum Wafer Testing System Model 960-8, S/N 557 (New 1999)  
**Perkin Elmer** Atomic Absorption Spectrometer Model AANALYST 200 S/N 2007071302 New 2007  
**Instron** Model 4202 Tester W/ Instron Model 550R Testing Arm, Equipped W/ Power Elevation, Jogging Capacity, Dell Pentium PC  
**Perkin Elmer** Pyris Diamond DSC Differential Scanning Calorimeter S/N 536N1102401, W/ **Perkin Elmer** Intracooler Model 1P  
**Perkin Elmer** AD6 Auto Balance Controller W/ Digital Controls, Digital Scale  
**Brookfield** #DV-I Prime Viscometer W/ TC-10602 Digital Thermo Control Unit  
**Buehler** EcoMet 3000 Variable Speed Grinder-Polisher  
**Buehler** HandiMet #2 Roll Grinder  
**Buehler** Isomet Lo Speed Laboratory Saw  
**Clean Air Products** Portable Clean Room Model CAP575-14' X 20' X 8' H  
**Vacuum Pumps:** Aero Vac #SVRV2-80T 2 HP; Busch Mink #MM1102BV; Busch #DL0080A; Ebara #4020; Adixen w/Visi Flow MV Filtration  
(30+) **Proline Lab Benches:** Adjustable, Electrified w/Ion Air Attachments  
(45+) **Microscopes:** Nikon, Unitron, Mitutoyo (Majority New 2007)  
(25) **Esco** Air Stream Vertical Laminar Portable Lab Hoods  
ALSO OFFERING: **Juli Static** Control Air Guns Hand Held; **Techni-Stat** DSE3000 Ionizing Air Blowers; **Ohaus & Palluze** Digital Scales; **Omega** OS 530L Hand Held Infrared Thermometer; **TA Instrument** 953501-901 Tester; Large Assortment of Pyrex Glassware, Lab Benches, Supplies, etc.

## INSPECTION

**OGP Smartscope** Flare Coordinate Measuring System Bench Model Flash 200 (New 2003), S/N SVL1995, W/ Dell Flat Screen PC  
**Mark-10** #BG50 Digital Tensile Tester  
**Nikon** Bench Model Comparator S/N 216724, W/ 5-Station Indexing Turret 10X Light  
**Hy-Pot** #7530DT Ultra II Dielectric Analyzer  
**(10) Dolan-Jenner** #M1-150 Fiber-Light Sources  
ALSO OFFERING: **Stanridge** 24" x 36" Granite Surface W/Stand (New 2008); **Vermont & Myer** Pin Gage Sets; **Mitutoyo** Digital Height Gages; Gage Block Sets; Granite Plates and Much More!

## MATERIAL HANDLING

**Yale** Forklift Truck 3,000 lb Capacity, 174" Max Reach Model GTCO30UATO77P, LPG S/N P314682 Triple Mast, Solid Tires  
**Grove** Platform Lift 500 Lb Capacity, 19' Max Platform Height, Battery Voltage 24, 1999, Platform Dimensions Approx 2' x 6'  
**Crown** Battery Operated Walk Behind Lift Truck 1,000 lb Capacity 154" Max Reach Model 30WTL S/N 1A103226  
**Vestil** Forklift Gantry Model LM-1T-4 Reference S304875, 4,000 Lb Capacity, New 2005  
**Famco** 1 Ton Portable Jib Crane System Equipped W/ Chisim Moore Valustar 1/2 Ton Chain Hoist Pendant Control  
**West Bend** Portable Hydraulic Lift Cart, 1,100 Lb Capacity Model 1100LDC, S/N 28993, Roller Bearing Platform  
**Lexco** Portable Hydraulic Lift Table, Cap 2,000 LB, Model HT-3438-24-A, S/N 29200  
**Post** Lift Table 2,000 Lb Hydraulic S/N ND00393, 37" Min 59" Max Lift Height  
**Wesco** Model LT-10-1836 1,000 Lb Hydraulic Lift Table, S/N 176875

## AIR COMPRESSORS

**Atlas Copco Air Compressor Model SF11FF S/N A11691522 (New 2006) 142 PSI**  
**Atlas Copco Oil Free Air Dryer Model SF4FF S/N AP1700281 (New 2005), Equipped W/ Atlas Copco CD 17 Quality Air**  
**Solutions** Filtration System Model 1624 024 80, S/N AP1W26215, w/ Receiving Tank

## CHILLED WATER SYSTEM

**Delta** Fiberglass Cooling Tank Complete W/ (1) 1 HP Emerson Heavy Duty Pump Continuous to (1) GEA Econoflex Model V20CDHHK6316N, S/N ENA-326, (New 2004) Continuous W/ Baldor II 3 HP Intake Pumps Complete to 165 GallonTBC

## PLANT SUPPORT

Large Assortment of Miscellaneous Support Items Including: **Branson** 2000 Ultrasonic Welders, **Rubbermaid** Shop Carts, Liquid Storage Cabinets, **Multifon** Rigging Dollies, Alloy Nitrogen Tanks, Aircraft Ladders, Fans, Ladders, Shop Vacuums, Fireproof Cabinets, Double End Grinders, (30) **Harris** Nitrogen Valves, **AmeriVacs** AVN-30 Vac Sealers, **Federal Pacific** 75 KVA Transformer, List Cabinets, Marsh Tapers, Impulse Sealers; **Dukane** # 410 Ultrasonic Welder; **Vaniman** Problast Bench Model Shot Blaster; **Craftsmen** Wire Feed Welder; Desiccant Cabinets

## OFFICE EQUIPMENT, FURNITURE & CAFETERIA

**Office Equipment:** OCE CM3522 Digital Copiers, Nortel North Star System W/ (40) Phone Capacity, (2) Copiers, Faxes, Shredders, et  
**Office Furniture:** Executive Suites, Office Cubicles, (2) 8' Oval Cherry Conference Table, File Cabinets, Desks, Credenzas, Fire Proof File Cabinet/Safes, etc  
**Cafeteria:** (2) GE Microwaves, (4) Cafeteria Tables w/Chairs, Bunn Coffee Machine, GE Single Door Refrigerator  
 Magic Chef Refrigerator, etc.

# OUTSTANDING OFFERING OF LATE MODEL EQUIPMENT - AS LATE AS 2008



Trio-Tech # G-203A Bubble Tester Leak Detector



Varian Leak Tester Model Turbo Auto-Test 947



Yamato #DKN402 Constant Temperature Oven

## EQUIPMENT LOCATED IN POWAY CALIFORNIA

**Asymtek** Precision Batch Dispenser Model Axiom X-1000 S/N X12526 (New 2007/2008) W/ Viewsonic Model VA503B Display Monitor, 2008 Asymtek Model Mm-Fslu-Std Upstream Free Standing Loader S/N 20727, Asymtek Model Mm-Fslu-Std Downstream Free Standing Loader

**Yield Engineering Systems** Plasma Cleaning System Model Yes-G1000/Lmc S/N 89026 (New 2008) 18" Wide X 12" High X 18" Deep Chamber, Model Pe-1000 Ac Plasma Power Source, W/ Boc Edwards Model Xds35 Vacuum Pump, S/N 076230200, Portable Table, (2) Victor Dual Gage

**CJI Process Systems** Plating Line (New 2008), w/68 Tanks, (1) Dynatronix Model Crs9-25 Dc Power Supply, (1) Dynatronix Model Crs9-50 Dc Power Supply, (2) Dynatronix Crs9-100 Dc Power Supplies, (1) Dynatronix Crs9-200 Dc Power Supply, (2) Dynatronix Dpr-20

**Seiko** XRF Coating Thickness Gage Measurement System Model SFT7250 S/N 17P15-07 (1998) W/ Seiko Model SFT7000 Computer System, Epson Lx-300 Printer

(3) **Blue M** Inert Gas Oven Model LGF-7780-F-MP550 S/N 0801000106-2, 080700010-4 & 0801000106-01 (New 2008) Double Lock Door, 24" Wide X 19" Deep X 20" High Chamber, Digital Readout, Partlow Model Mrc5000 Chart Recorder, 1100 Degrees F W/ (8) Racks

2007 **Grieve** Convection Oven Model CAH-350 S/N 92310a1007 Natural Gas, 2000 Btu/Hr, Max Temp 350 Degrees F, Oven Dim 53" X 44" X 63", 36" W, 40" D, 60" H Chamber

**Yamato** Constant Temperature Oven Model DKN402 S/N B780061 Single Door, Digital Readout, 17" W X 17" D X 17" H, W/ Yamato 29" X 26" Table

(2) **Raypak** Hot Water Boiler Natural Gas (New 2007), 595,320 BTU/Hour Output, 726,000 BTU/Hour Input, (2) 3 Hp Pumps, (2) Vertical Tanks, (1) Inline Filter

2008 **Trio-Tech** Bubble Tester Leak Detector Model G-203a S/N 42494 W/ Trio-Tech Model G-233f Filtration System, Bench Type, 2-Trays

(2) **TDI International** Clear Acrylic Desiccator Model 368d, 6-Door Type, 36" X 20" X 36" Overall Size, Bench Type

**Varian** Leak Tester Model Turbo Auto-Test 947 S/N R-068

2007 **Met Pro** Cyanide Scrubber Model Pt506-57 S/N 5762 9000 Cfm, 89 Gpm  
2008 **Branson** Degreaser Model B452R S/N 02-5443a-08 Digital Readout, W/ (2) Baskets

(2) **Esco** Laminar Flow Cabinet Model Airstream Vertical, 73" Wide X 25" Deep, Mounted On Portable Stand

2007 **Sikama** High Temperature Soldering System Model Falcon 5x5 S/N 07-49-287

**Perkin Elmer** Atomic Absorption Spectrometer Model Analyst 400 S/N 201s7111802 W/ Matheson Gage, Dual Gage Unit, Inline Filter

2007 **Met Pro** Acid Scrubber Model Pt505-40 S/N 50762 4500 Cfm, 47 Gpm  
**Techni-Stat** Ion Transport Model 335pr610, Kocour Model A83 Rotary Unit

(2) Waste Water Ion Exchange Cyanide Line W/ Delzone Model Eclipse li Automatic CD Ozone Sanitizing System, 175 Gallon Tank, Dual Pumps, Filters

**Ingersoll Rand** 7.5 HP Rotary Screw Air Compressor S/N Up7547u08009 (New 2008), Horizontal Tank Mounted, 362 Hours

**Delta** Cooling Towers Self Contained Cooling Tower Model T30 S/N 62538 (New 2007) 300 Gallon Storage Tank, 5.3 Hp, 80 Gallon Per Minute Water Flow, 30 Ton Tower

(2) **Vaniman** Soda Blast Cabinet Model Problast S/N 026825 & 026790, Vaniman Abrasive Vac Unit, Foot Control

**Environmental Equipment** So-Low Ultra-Low Freezer Model Ch45-5 S/N 0708441 (New 2007) Chest Type, 22" X 16" X 29" Deep, 0 Degrees C To -45 Degrees C Temperature Range, Digital Readout

**Robotic Process Systems** Steam Aging System Model ST-2 S/N R392-Ws70500 (New 2008) Bench Type

**Cincinnati** Sub-Zero Products Thermal Shock Bath Model Tsb-2p-105-105-S/AC S/N 9-11945, Side-1 Negative 50 Degrees F, Side-2 Positive 150 Degrees F

**Control Company** Thermocouple Model 4015cc S/N 72459500 -200 Degrees C -/+1370 Degrees C/-328 Degrees F +24980f

**Baxter Scientific** Products Vacuum Drying Oven Model Dp-32 S/N 221015 Gold Series, 12" W X 12" D X 12" H Chamber, Bench Top Type

MISCELLANEOUS LAB & SUPPORT ITEMS:

(2) **Nikon** SMZ645 Microscope, **Hanna** Instruments PH213 Digital PH Meter, **Kulicke & Soffa** 4123 Stereo Zoom 4 Microscope, (25+) **Boose & Eagle** Stainless Steel Tables, **Omega** MDSS41-LC High Performance Temperature Indicator, **Sartorius** CP64 Balance Scale, **Newport** HHM290/N True Rms Super Meter, **Amerivacs** AVS-20 Vacuum Sealing Unit, **Mark-10** BG 50 Digital Force Gage, **Cole-Parmer** 08891-21 Ultrasonic Cleaner, **Ametek** 1726 Digital Tachometer, **Lutz** Electric Pumps, Guardian Equipment Eye Wash Stations, Pyrex Glassware, Tape Dispensers, Magnifying Work Lights, Soldering Pots, Air Hoses, Digital Pipettes, **Justrite** Acid & Corrosive Storage Cabinet, **Barnstead** Thermodyne Heated Stirrers, **Omega** CI950-110 Hot Point Cell Calibrator

# AUCTION INFORMATION

## MAJOR ONSITE & WEBCAST AUCTION - (2) LOCATIONS - TO BE CONDUCTED LIVE ONSITE AND WEBCAST

### LOCATION #1 (SALE SITE)

200 Research Drive  
Wilmington, MA 01887

### LOCATION #2

11870 Community Road  
Poway, CA 92064

### SALE DATE

Tuesday, May 12, 10:30 AM (EST)

### INSPECTIONS (BOTH LOCATIONS)

Monday, May 11, 9 to 4 PM (local)

**QUANTUM LEAP PACKAGING, INC.**  
DESIGNS AND MANUFACTURES HERMETIC AND NEAR-HERMETIC AIR CAVITY PACKAGES FOR SEMICONDUCTOR ASSEMBLY. IT OFFERS AIR CAVITY QFNs, SOICs, AND LIQUID CRYSTAL ON SILICON PACKAGES, AS WELL AS CONNECTOR-IN-PACKAGES. THE COMPANY'S PRODUCTS ARE DESIGNED FOR A VARIETY OF APPLICATIONS, INCLUDING OPTICAL ELECTRONICS SYSTEMS, IMAGE SENSORS, HB-LEDS, MEMS, -FOR MORE INFO VISIT [WWW.QLPKG.COM](http://WWW.QLPKG.COM)

### BUYER'S PREMIUM

12.5% Onsite & 15% Webcast

### WEBCAST BIDDING AVAILABLE:



### ONSITE REGISTRATION - PAYMENT TERMS

In order to obtain a bid paddle a \$100.00 refundable fee is due at time of registration. Payment terms: A 25% deposit due day of sale, payment in full within 24 hours, by cash, certified check or wire transfer (we do not accept credit cards). Company or personal checks will only be accepted if accompanied by a bank letter, subject to Thomas' approval guaranteeing unqualified payment to Auctioneer. Any and all checks must be drawn on a United States Bank in US Funds. All purchases are subject to applicable federal, state and local taxes unless auctioneer is provided with a valid sales tax exemption certificate.

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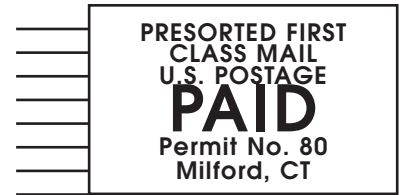
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**REMOVAL DATE: PLEASE NOTE ALL EQUIPMENT MUST BE REMOVED NO LATER THAN MAY 29TH, NO EXCEPTIONS**

Under Management of:



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## MAJOR ONSITE & WEBCAST AUCTION

COMPLETE CLOSURE OF (2) MANUFACTURING FACILITIES SPECIALIZING IN PACKAGING FOR THE SEMICONDUCTOR INDUSTRY

FORWARDING SERVICE REQUESTED

BY ORDER OF  
**QUANTUM LEAP PACKAGING**

**SALE SITE:**

200 RESEARCH DRIVE, WILMINGTON, MA 01887

**CALIFORNIA LOCATION:**

11870 COMMUNITY ROAD, POWAY, CA 92064

**SALE DATE:**

TUESDAY, MAY 12, 10:30 AM (EDT)

**INSPECTIONS:**

MONDAY, MAY 11, 9 TO 4 PM (LOCAL)

pink area needed for postal regulations - no type of pictures in this area

# OUTSTANDING OFFERING OF LIKE NEW EQUIPMENT MAJORITY NEW 2007 - 2008!!

- AIR COMPRESSORS (2006)
- ASYMTEK BATCH DISPENSERS (2007)
- CHILLED WATER SYSTEMS (2003)
- COMPUTER EQUIPMENT
- ENVIRONMENTAL TEST CHAMBERS
- INJECTION MOLDING MACHINES
- TOOLROOM
- OFFICE FF&E
- BOILERS
- INSPECTION
- LABORATORY
- LEAK DETECTORS (2004-2008)
- MATERIAL HANDLING
- MICROSCOPES (55+)
- OVENS (2004-2007)
- PELLETIZING LINE (2007)
- PLASMA CLEANING REACTORS (2007)
- PLATING SYSTEMS (2007-2008)
- PRESSES: HYDRAULIC/OBI (2005-2008)
- AND MORE!