<table>
<thead>
<tr>
<th>Thumbnail</th>
<th>Lot Num</th>
<th>Description</th>
<th>Qty</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>1</td>
<td><strong>Applied Materials</strong></td>
<td>1.00</td>
</tr>
<tr>
<td></td>
<td></td>
<td>FOR MORE DETAILS SEE OVERVIEW VIDEO HERE: <a href="http://youtu.be/-4PpQ4IQ_aw">http://youtu.be/-4PpQ4IQ_aw</a> (copy link to browser to view)</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Applied Materials / AKT 1600B PECVD RF 4 Chamber Cluster Tool currently used for processing silicon for LCD/Flat Panel Includes 1-transfer Chamber, 1- Load Lock, 1 – Heating Chamber Process gasses Si Nitride, Imorphan Si, Si Oxide, Silane 1999 Vintage</td>
<td></td>
</tr>
<tr>
<td>1a</td>
<td>1a</td>
<td><strong>Kurt Lesker Lab 18 single chamber</strong></td>
<td>1.00</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Kurt Lesker Lab 18 single chamber, single load lock DC/RF sputter. 5 targets. Currently processing 4” wafers, bottom up sputter with IR/Heated sputtering. 2007 Vintage</td>
<td></td>
</tr>
<tr>
<td>1b</td>
<td>1b</td>
<td><strong>Applied Materials / AKT 3500 PECVD Single Chamber</strong></td>
<td>1.00</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Applied Materials / AKT 3500 PECVD Single Chamber Tool with 1 load lock currently used for processing 55 x 65 cm 2008 Vintage</td>
<td></td>
</tr>
<tr>
<td>1c</td>
<td>1c</td>
<td><strong>RAYTEK Thin Film Laser Scribber</strong></td>
<td>1.00</td>
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<tr>
<td></td>
<td></td>
<td>RAYTEK Thin Film Laser Scribber RPS-1000-PD WITH WORKING GREEN AND IR LASER</td>
<td></td>
</tr>
<tr>
<td>1d</td>
<td>1d</td>
<td><strong>Class 1 Wafab Int 96'' (STATE OF THE ART WET BENCH)</strong></td>
<td>1.00</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Class 1 Wafab Int 96'' (STATE OF THE ART WET BENCH WITH AUTOMATIC RINSE BATHS, RECIRCULATING TANKS ) - Less than 1 year old, auto rinse 6 baths set up for 6 or 8 ” wafers.</td>
<td></td>
</tr>
<tr>
<td>1e</td>
<td>1e</td>
<td><strong>CPA GLOBAL IN-LINE SPUTTER SYSTEM</strong></td>
<td>1.00</td>
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<tr>
<td></td>
<td></td>
<td>CPA GLOBAL IN-LINE SPUTTER SYSTEM (SUBSTRATE SIZE UPTO 37x47cm)</td>
<td></td>
</tr>
<tr>
<td>1f</td>
<td>1f</td>
<td><strong>Thermo Scientific Nicolel Almega XR</strong></td>
<td>1.00</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Lot of (1) Thermo Scientific Nicolel Almega XR dispersive raman spectrometer system; MODEL: ALMEGA XR; S/N: AGE0700259, w/ raman laser control by computer, software control over microscope, multiple standards (1) Olympus trinocular microscope w/ camera eyepiece WHN 10x/22; MODEL: BX51, (4) objectives (1) MPLAN N 10x/0.25 BD (1) LMPLAN FLN 20x/0.40 (1) MPLAN 50x/0.75 BD (1) MPLAN 100x/0.90BD (1) Dell optiplex 745 w/ software &amp; manuals.</td>
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</tr>
<tr>
<td>2</td>
<td>2</td>
<td><strong>Sustrite</strong></td>
<td>1.00</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Lot of (1) flammable storage cabinet 22 gal. capacity; MODEL: EX.</td>
<td></td>
</tr>
<tr>
<td>No.</td>
<td>Description</td>
<td>Price</td>
<td></td>
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<td>-----------------------------------------------------------------------------</td>
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<td></td>
</tr>
<tr>
<td>3</td>
<td><strong>Lot of (2) pcs. (1) metal organizer (1) metro sherf.</strong> Shop Room</td>
<td>1.00</td>
<td></td>
</tr>
<tr>
<td>4</td>
<td><strong>Louisville</strong>&lt;br&gt;Lot of (2) ladders aluminum (1) 5 ft, 300 lb capacity; MODEL: FP1005. (1) 4 ft., 300 lb capacity; MODEL: BIA04. Shop Room</td>
<td>1.00</td>
<td></td>
</tr>
<tr>
<td>5</td>
<td><strong>Werner</strong>&lt;br&gt;Lot of (1) aluminum ladder 8 ft, 300 lb capacity; MODEL: 6208. Shop Room</td>
<td>1.00</td>
<td></td>
</tr>
<tr>
<td>6</td>
<td><strong>Lot of (1) metal frame work bench no contents</strong>&lt;br&gt;no contents included. Shop Room</td>
<td>1.00</td>
<td></td>
</tr>
<tr>
<td>7</td>
<td><strong>Craftzman</strong>&lt;br&gt;Lot of (1) set of mechanical tools. Some missing pls inspect. Shop Room</td>
<td>1.00</td>
<td></td>
</tr>
<tr>
<td>8</td>
<td><strong>Vestil</strong>&lt;br&gt;Lot of (1) 6' handle 5&quot; dia wheel 5000 lb cap steel pry lever bar. Shop Room</td>
<td>1.00</td>
<td></td>
</tr>
<tr>
<td>9</td>
<td><strong>Ryobi</strong>&lt;br&gt;Lot of (1) 8&quot; bench grinder. Shop Room</td>
<td>1.00</td>
<td></td>
</tr>
<tr>
<td>10</td>
<td><strong>Lot of (1) 12&quot; vice.</strong> Shop Room</td>
<td>1.00</td>
<td></td>
</tr>
</tbody>
</table>
11 **Escalera**
Lot of (10) aluminum frame Genie Lift 1000 lb capacity manual; MODEL: 01AHC. Shop Room

12 **Genie Lift**
Lot of (1) aluminum frame Genie Lift 400 lb capacity. Shop Room

13 **GS**
Lot of (1) lift sack cart 1100 lbs cap; MODEL: BS50. Shop Room

14 **Glassman**
Lot of (1) glassman power supply; MODEL: PS/KL012 R250-22. Shop Room

15 **National Instruments**
Lot of (2) pcs (1) NI SCB 68 connector block for DAQ; MODEL: SCB68. (1) NI SCC 68-pin terminal module block w/ SCC expansion slots. Shop Room

16 **Trek**
Lot of (1) high voltage amplifier; MODEL: PA08047. Shop Room

17 **Trek**
Lot of (1) Trek high voltage amplifier; MODEL: 5/80. Shop Room

18 **Grandville & Phillips**
Lot of (1) 303 vacuum process controller brand new in box; MODEL: 303; S/N: 1952. Shop Room

19 **Sorensen**
Lot of (1) Sorensen power supply; MODEL: DCR25B2. Shop Room

20 **iotech**
Lot of (2) digital analog converter; DAC488/4. Shop Room
21. **Pfeiffer**  
Lot of (1) vacuum pump; MODEL: TYPE DUO016B. Shop Room  

22. **Alcatel**  
Lot of (1) vacuum pump; MODEL: 2012A. Shop Room  

23. **Ulvac**  
Lot of (1) vacuum pump; MODEL: GLD-201B. Shop Room  

24. **HP & APT**  
Lot of (2) (1) APT AC power supply; MODEL: 5000 SERIES, (1) HP DC power supply; MODEL: 6541A. Shop Room  

25. **Ganesh**  
Lot of (1) Ganesh GMV-2 9"x49" variable speed CNC milling machine. 3 axes knee support, anilam 3200MK opt: fagor control, HP computer; MODEL: DELUXE GMV-21500; S/N:E12414. Shop Room  

26. **Lot of (100 pcs) of milling machine tools,**  
drills, collets, rimers taps. Steel parallel set; different sizes drom 1/8 - 3/4 cutting oil. Shop Room  

27. **Westward**  
Lot of (1) 20" drill press w/ 12 speeds & adjustable stand. Shop Room  

28. **Lot of (100+) glass brand new in box different sizes please inspect.** Shop Room  

29. **Lot of miscellaneous wire, glue, silicon, wheels,** hoses please inspect. Shop Room
30 **ENI Power System**
Lot of (1) ENI Power System solid state power generator; MODEL: OEM-25. Shop Room

31 **Shop-Vac**
Lot of (4) Shop Vacuum industrial wet & dry 4.0 HP. Shop Room

32 **Dayton**
Lot of (1) heavy duty fan 120V w/ stand; MODEL: IRWB5A. Shop Room

33 **Lot of (2) transformer w/ no covers please**
inspect. Shop Room

34 **Little Giant**
Lot of (1) metal cart w/ pana vice. Shop Room

35 **Liffrite**
Lot of (1) pallet sack 5000 lbs capacity. Shop Room

36 **Central Pneumatic**
Lot of (1) dual door blast cabinet. Air pressure 125 PSI max air inlet 3/8" - 18 NPT nozzle sizes 667 mm. Shop Room

37 **Eaton**
Lot of (1) Eaton powerware interruptible power supply UPS system 9355; MODEL: 30; S/N: EB052KXX05. Shop Room

38 **Tek Temp**
<table>
<thead>
<tr>
<th>Lot</th>
<th>Item Description</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>39</td>
<td>Lot of (1) Tek Temp recirculating chiller moderate capacity w/ air cooled condenser 4.3 gal; MODEL: TKD100/10K/R3/P2; S/N: 0080825619R3. Shop Room</td>
<td>1.00</td>
</tr>
<tr>
<td>40</td>
<td><strong>Quality Transformer &amp; Electrics</strong>&lt;br&gt;Lot of (1) Quality Transformer 208V RMS 24K max cap 60Hz; MODEL: 8831. Shop Room</td>
<td>1.00</td>
</tr>
<tr>
<td>41</td>
<td><strong>Edwards</strong>&lt;br&gt;Lot of (1) Edwards vacuum pump iQ system (1) mechanical cooster; MODEL: iQQMB1200, (1) dry pump; MODEL: iQDP80, (1) digital control. Shop Room</td>
<td>1.00</td>
</tr>
<tr>
<td>42</td>
<td><strong>Sunlight Supply</strong>&lt;br&gt;Lot of (1) Sun system custom made w/ aluminum frame. Shop Room</td>
<td>1.00</td>
</tr>
<tr>
<td>43</td>
<td><strong>UHV Design</strong>&lt;br&gt;Lot of (1) vacuum e-beam chamber custom design, all stainless steel on aluminum cart w/ spear parts please inspect. Shop Room</td>
<td>1.00</td>
</tr>
<tr>
<td>44</td>
<td><strong>Lot of (1) heavy duty transformer cable approx 75 ft.</strong> Shop Room</td>
<td>1.00</td>
</tr>
<tr>
<td>45</td>
<td><strong>Lot of (2) aluminum ramps 6'Lx29&quot;W.</strong> Shop Room</td>
<td>1.00</td>
</tr>
<tr>
<td>46</td>
<td><strong>Billco</strong>&lt;br&gt;Lot of (1) Billco flat glass washer max glass width 30&quot; min glass size 7 3/4&quot; conveyor speed 10 - 20 FPM; MODEL: 330-8SP; S/N: WO06077B, (4) water pumps, Allen Bradley digital control &amp; manuals. Shop Room</td>
<td>1.00</td>
</tr>
<tr>
<td>47</td>
<td><strong>Siemens</strong>&lt;br&gt;Lot of (1) AWN/flouride system; MODEL: SP10702135; S/N: PP2601, (2) Siemens controllers current CKT 1: 11FLA current CKT 2: 17 FLA SC current 5K (2) 150 gal capacity tanks (4) acid pumps Shop Room</td>
<td>1.00</td>
</tr>
<tr>
<td>47</td>
<td><strong>Ecosys</strong>&lt;br&gt;Lot of (1) Ecosys marathon 8500 gas scrubber system; MODEL:</td>
<td>1.00</td>
</tr>
</tbody>
</table>
MARATHON8500; S/N: MPS0258, PLC control electronics, methane injection system, combustion chamber, corrosion resistant components, exhaust, touch screen control, semi S2-0200 & CE compliance, nitrogen inlet, buster pump, 208 - 230V 1PH, 13 FLA 10K AIC spareparts like filters, belts, etc. Shop Room

48 **Kaeser**
Lot of (2) (1) Kaesser compressor mfd: 2007 125 PSI 208/120V 2309/133V 460/266V 3PH 3555 RPM 15HP spare parts, oil, belt, filters; MODEL: SK15; S/N: 1492, (1) Kaeser dryer 60 SCFM@100 PSIG 85 - 264 vac IPH; MODEL: KAD60; 1308569-1. Shop Room

49 **Lot of (1) regulating transformer 5KVA cap input**
240V 1PH; MODEL: TDGC2J-5. Shop Room

50 **McQuay**
Lot of (1) air cooler water chiller system; MODEL: AGZO34BS712-ER10; S/N: STNU080200202, consisting of (2) compressors (3) cond fan mtr (2) crank cass hrs (1) evaporator htr 72 RLA, 5.8 FLA, 208V, 60 Hz, 3PH 450 PSIG (1) Cemline 200 gal tank; S/N: 59667 (2) water pumps (1) chemical bypass feeder w/ (4) chem 777. Outside

51 **Lot of miscellaneous aluminum pcs different sizes. IDE**

52 **Lot of (1) aluminum sheet 55"x43" 29 lb.**

53 **Thermo Scientific**
Lot of (1) lab oven precision 115V temperature control & timer; MODEL: 6542; S/N: 604425 Room 121

54 **Fisher Scientific & Fluke**
Lot of (2 pcs) consisting of (1) Fisher heater; MODEL: ISOTEMP, (1) Fluke thermometer; MODEL: 52II. Room 121

55 **DEK**
Lot of (1) semi auto screen printer; MODEL: 248CE; S/N: 275708AP, DEK align (4) vision system 20"x20" screen (2) digital cameras mfd: 2002; MODEL: XC-ST30CE, (12) aluminum screens & rack. Room 121

56 **Lyon**
Lot of (4) vertical metal lockers. Glass cutting room
57 LW Scientific
Lot of (1) microscope binoculars plan 10x22; MODEL: Q01-2466. Glass cutting room

58 Buehler
Lot of (1) Buehler polisher & grinder w/ (1) grinding disk (1) polish disk; MODEL: ECOMETII. Glass cutting room

59 Fletcher
Lot of (1) Fletcher wall mounted cutter multi-material upto 1/4" thick; MODEL: F300060B-02/04. Glass cutting room

60 Newport
Lot of (1) Newport ark lamp solar simulator system; MODEL: 91192/11000; S/N: 240, (1) Newport ark lamp solar simulator power supply (1) spare parts (1) 450 W Xenon lamp new (1) PC fan ETI control board new; MODEL: XBO, (1) Xenon short arc display/optic lamp (1) Dell PC & software.

61 Keithley
Lot of (1) Keithley picoameter 5 1/2 digit w/ 10 FA resolution, MODEL: 6485.

62 Keithley
Lot of (1) Keithley system switch w/ high performance; MODEL: 3706-SNFP.

63 Weller
Lot of (1) soldering station.

64 Olympus
Lot of (1) Olympus microscope trinocular w/ (2) eyepiece WK 10X/20L; MODEL: BH, (3) objectives (1) MSPLANS 0.13 (1) M40/0.65 (1) MSPLANS 20/0/46.

65 Sperian
<table>
<thead>
<tr>
<th>Lot of (1) new survivair apparatus Sperian 45 min HP carbon cylinder 4500 PSI w/ spear 30 min hoop tank.</th>
<th>66</th>
<th>Sperian</th>
<th>Lot of (1) new survivair apparatus Sperian 45 min HP carbon cylinder 4500 PSI w/ spear 30 min hoop tank.</th>
<th>1.00</th>
</tr>
</thead>
<tbody>
<tr>
<td>Lot of (1) digital flash &amp; ratio system w/ stand; MODEL: 5D-R, (1) Qpad battery; MODEL: X, (1) connection &amp; manuals.</td>
<td>67</td>
<td>Quantum</td>
<td>Lot of (1) digital flash &amp; ratio system w/ stand; MODEL: 5D-R, (1) Qpad battery; MODEL: X, (1) connection &amp; manuals.</td>
<td>1.00</td>
</tr>
<tr>
<td>Lot of (1) Vulcan oven analog control furnace 110V 9&quot;x7&quot;; MODEL: A550.</td>
<td>69</td>
<td>Vulcan</td>
<td>Lot of (1) Vulcan oven analog control furnace 110V 9&quot;x7&quot;; MODEL: A550.</td>
<td>1.00</td>
</tr>
<tr>
<td>Lot of (1) 2000 lb Vestil crane aluminum frame w/ 500 lb hoist.</td>
<td>70</td>
<td>Vestil</td>
<td>Lot of (1) 2000 lb Vestil crane aluminum frame w/ 500 lb hoist.</td>
<td>1.00</td>
</tr>
<tr>
<td>Lot of gen 3 see spec.</td>
<td>71</td>
<td>Lot of gen 3 see spec.</td>
<td>Lot of gen 3 see spec.</td>
<td>1.00</td>
</tr>
<tr>
<td>Lot of (1) thin laser scriber see spec; MODEL: RPS-1000-PD.</td>
<td>72</td>
<td>Raytea</td>
<td>Lot of (1) thin laser scriber see spec; MODEL: RPS-1000-PD.</td>
<td>1.00</td>
</tr>
<tr>
<td>Lot of (1) sputter system.</td>
<td>73</td>
<td>CPA</td>
<td>Lot of (1) sputter system.</td>
<td>1.00</td>
</tr>
<tr>
<td>Lot of (1) modular thin film Lesker deposition system for sputtering, electro beam &amp; thermal evaporation techniques see spec; MODEL: LAB18.</td>
<td>74</td>
<td>Kurt J. Lesker</td>
<td>Lot of (1) modular thin film Lesker deposition system for sputtering, electro beam &amp; thermal evaporation techniques see spec; MODEL: LAB18.</td>
<td>1.00</td>
</tr>
</tbody>
</table>
75  **Silpac**
Lot of (1) multiple chamber system CVD see spec; MODEL: AKT1600B.

76  **Class One**
Lot of (1) class one WWP front access wet bench 208VAC 1PH 3 wire largest load 13.8A; MODEL: 96", S/N: 14405-01.

77  **Fisher Hamilton**
Lot of (1) Fisher Hamilton fume houd; MODEL: SAFEAIRE II.

78  **Newport**
Lot of (1) multi-function optical meter; MODEL: 1835-C; S/N: 1612.

79  **Rubbermain**
Lot of (3) plastic carts.

80  **Lot of (1) glass holder.**

81  **Terra Universal**
Lot of (1) Terra Universal 5 compartments desicator; MODEL: 3950-48A.

82  **Justrite**
Lot of (2) Justrite waste cans.
83 Lot of (4) metal frame work benches. 1.00

84 Lot of (1) stainless steel table. 1.00

85 Lot of (1) dial indicator .001 in - 1.0 in. 1.00

86 Lot of (2 pcs) (1) kilo tech digital scale (1) hotplate stirrer. 1.00

87 Balzer Lot of (1) HLT 160 dry helium leak detector w/ Optiona booster pump; MODEL: HLT 160 DRY. 1.00

88 Harper Lot of (3) cylinder trucks (1) for 2 cylinders (2) FO (1) cylinder. 1.00

89 Praxair Lot of (1) gas cabinet w/ ultrapurge 100 control; MODEL: 100. 1.00

90 Praxair Lot of (1) gas cabinet w/ (2) ultrapurge controls & (2) doors; MODEL: 100. 1.00

91 Praxair Lot of (1) gas cabinet w/ (2) ultrapurge controls; MODEL: 100. 1.00
92 Praxair
Lot of (1) gas cabinet w/ ultrapurge control; MODEL: 100.

93 Praxair
Lot of (1) gas cabinet w/ (2) ultrapurge controls; MODEL: 100.

94 Vulcan
Lot of (1) Vulcan furnace burn out oven; MODEL: 3-550.

95 Bird
Lot of (1) RF power multifunction meter; MODEL: 4421; S/N: 4524.

96 Newport
Lot of (1) multifunction optical meter dual channels; MODEL: 2835C.

97 Praxair
Lot of (1) Praxair control; MODEL: 100.

98 IT
Lot of (1) P-6000 spin coater; MODEL: P6204.

99 Honeywell
Lot of (5) (2) Midas-E-H FX gas detection (1) Midas-E-PH3 (1) Midas-E-H2X (1) MST satelite XT.

100 Hyster
Lot of (1) Hyster fork lift truck w/ charger; MODEL: E50XM2-33; S/N: F108W23419Y, 6784 hrs 5000 lb cap 189" load height 42" forks front tires: 21"x7"x15" cusion solid rear tires: 16"x5"x10.5" cusion solid.

101 Lot of (1) mass flow control; MODEL: 0242-72459
Lot of (1) susceptor calibration tool w/ case & control. Brand new.

Lot of miscellaneous fitting valves, switch, flanges, stainless steel.

Lot of (2) automation Servo drive. 400 W. New in box; MODEL: SVA-2040.

Lot of (3 pcs) (2) pneumaticun FT NW 16 FLG 1" TVI; MODEL: K075-ABLM-1; (1) linear motion FT NW 16 FLG 4" travel; MODEL: K075-BRM.

Lot of (2 pcs) (1) slow syn motor drive card ex; MODEL: SLO-SYN; (1) SCR power controller.

Lot of (1000+) phoenix contact d-sub connectors, electric parts fuses, cables, power supply, switches, inline filters, nuts, bolts, please inspect.

Lot of (1) Seiko turbo molecular pump; MODEL: STP300H; S/N: 0787.

Lot of (1) VAT adaptive pressure controller.

Lot of (1) FIO UHV gate valve w/ acuator.
111 **VAT**
Lot of (1) pendulum valve; MODEL: 6S044-PA52-ASL1/002.

1.00

112 **Trinity**
Lot of (2) metal carts organizer (1) (2) sided w/ 1000s of nuts, bolts, & washers (1) w/ 100s of nuts, bolts, & washers. Shop Room

1.00