# GLOBAL ONLINE AUCTION STARTING: August 18, 3:00 pm PDT ENDING: August 21, 4:00 pm PDT





# Surplus to the Ongoing Operations of Nokia, Assets from its Masan Korea Facility. 1,000+ SMT and Test Equipment Lots

Auction of late Model, SMT and Test Equipment used in the manufacturing of Nokia Smartphones including: Seven (7) fully functional Fuji NXT SMT Lines and Hundreds of Lots of late model Rhode & Schwarz (R&S), Agilent, Keithley, and Aeroflex instruments.



Scan this QR Code with your smartphone for More Information.

For more information including a photo gallery, equipment catalog and more, please visit:

### www.hgpauction.com

Items subject to prior sale. Buyers are advised & encouraged to inspect equipment and read all Terms and Conditions prior to auction.

### **COMPLETE LISTING ONLINE** MANY OTHER ASSETS INCLUDING

HUNDREDS OF LOTS OF LATE MODEL RHODE & SCHWARZ (R&S), AGILENT, KEITHLEY, AND AEROFLEX INSTRUMENTS, ANALYZERS, LOADERS, UNLOADERS, STACKERS, CONVEYORS, AND MUCH MORE!



FUJI NXT 4M BASE W/ (4) M3S MODULES, S/W VER. V5.47; 4M INDEPENDENT BASE; PLACEMENT HEADS: (4) H12S; DUAL LANE; BUCKET TYPE FEEDER PALLET. S/N: 2958. MANUFACTURED IN 2006



BULK SALE PURCHASE OF COMPLETE TURN-KEY PCB ASSEMBLY LINE

COMPLETE TURN-KEY LINE CONSISTING OF: EUNIL ELD-400D MAGAZINE LOADER , DEK GALAXY API DL SCREEN PRINTER EUNIL ESC-300D CONNECTING CONVEYOR , DEK GALAXY API DL SCREEN PRINTER , EUNIL ESC-300D CONNECTING CONVEYOR, KOH YOUNG KY-3030VADL 3D IN-LINE SPI, EUNIL ENC-800D INSPECTION CONVEYOR, JOT DISTRIBUTION CONVEYOR (DUAL TO TRIPLE LANE), FUJI NXTII 4M BASE W/ (4) M3II MODULES, JOT DISTRIBUTION CONVEYOR ( TRIPLE TO DUAL LANE), EUNIL ECC-600D BUFFER CONVEYOR, EUNIL EGC-300D SHUTTLE GATE CONVEYOR, AGILENT SJ50 SERIES 3 IN-LINE AOI, EUNIL ENC-800D INSPECTION CONVEYOR, EUNIL ECC-600D BUFFER CONVEYOR, FUJI NXT 4M BASE W/ (4) M3 MODULES, EUNIL EWT-100D INSPECTION CONVEYOR, ERSA HOTFLOW 2/14 PB-FREE REFLOW OVEN, EUNIL ECC-600D BUFFER CONVEYOR, EUNIL EUD-400D MAGAZINE UNLOADER. INVENTORY ID: 2062853, 2062854, 2062857, 2062856, 2062855, 2062858, 2062859, 2062860, 2062864, 2062865, 2062866, 2062867, 2062868, 2062869, 2062870, 2062871, 2062872, 2062873, 2062874, 2062876, 2062875, 2062877, 2062878, 2062879, 2062881



DEK GALAXY API DL SCREEN PRINTER, S/W VER. 09 SP06 P06; HAWKEYE CAMERA; INSPECTION: ADVANCED; SQUEEGEE: 200MM; USC: CYCLONE; VACUUM SUPPORT SYSTEM; DUAL LANE. MANUFACTURED IN 2008



KOH YOUNG KY-3030VADL 3D IN-LINE SPI, S/W VER: 3.6.2301P25; RESOLUTION: 4M; PCB WIDTH (MM):70-215: DUAL LANE, MANUFACTURED IN 2007

NOKIA



AGILENT SJ50 SERIES 3 IN-LINE AOI, S/W VER: 1.03.06; DUAL LANE, MANUFACTURED IN 2007





EUNIL ESC-300D CONNECTING CONVEYOR



JOT DISTRIBUTION CONVEYOR, (MM) 500; MIN WIDTH 50 (MM); MAX WIDTH 200 (MM) ; TRIPLE LANE



EUNIL ELD-500N MAGAZINE LOADER, LENGTH (MM) 380; MIN WIDTH 30 (MM); MAX WIDTH 250 (MM); SINGLE LANE, MANUFACTURED IN 2000





CONTACT

ERSA HOTFLOW 2/14 FLOW DIRECTION: LEFT TO RIGHT; HEATING ZONES: TOP 7/BOTTOM 7; COOLING ZONES: TOP 2/BOTTOM 2; NITROGEN EQUIPPED; EDGE RAIL BOARD TRANSPORT ; CENTER BOARD SUPPORT; AUTO OILER; WATER COOLING; DUAL LANE. S/N: R009A-05C0172. MANUFACTURED IN 2005



CVC TECHNOLOGIES CVC1117-2 COTTON INSERTER, MFG. 2008

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EREA



EUNIL ELD-400N MAGAZINE LOADER, LENGTH (MM) 380; MIN WIDTH 30 (MM); MAX WIDTH 250 (MM); SINGLE LANE



ASYMTEK SELECT CURE UV-6 NORDSON ASYMTEK'S SELECT CURE INLINE UV OVEN WITH MODULAR DESIGN IS IDEAL FOR TOPSIDE CURING IN MID- TO HIGH- VOLUME PRODUCTION. USING ULTRAVIOLET LIGHT AS THE PRIMARY CURE METHOD, THE OVEN MODULE HAS FIVE CONFIGURATIONS.



OLYMPUS SZX-ILLB200 MICROSCOPE, MANUFACTURED IN 2000



PHOENIX PCBA/ANALYSER 160 PHOENIX, X-RAY SYSTEMS PCBA ANALYSER 160 (2008) CE, 230 V 50/60HZ, 2000 VA, MAX. TUBE VOLTAGE: 160 KV MAX. OUTPUT: 320 W, DETAIL DETECTABILITY: UP TO 1 M, MIN. FOCUS-OBJECT-DISTANCE : 4.5 MM, GEOMETRIC MAGNIFICATION: (2D) UP TO 170-FOLD





EUNIL ECC-600 BUFFER CONVEYOR; SINGLE LANE



EUNIL ESC-300D SLIDER CONVEYOR, LENGTH (MM) 300; MIN WIDTH 30 (MM); MAX WIDTH 205 (MM) ; DUAL LANE, 2007



JOY MFG CO NPR 85766 LOT CONTAINS 2 BLADES







CONCOAT SYSTEMS MUST SYSTEM II PLUS SOLDERABILITY TESTER



OLYMPUS STM6-LM-F31-2 COMPACT MANUAL 3-AXIS MEASURING MICROSCOPE, 2006



CMI CMI913 COATING THICKNESS MEASUREMENT



X-TEK LINX X-RAY INSPECTION



A&D HC-3KW COMMERCIAL SCALE BALANCE, MAX 3KG





STRUERS ROTOPOL-21 DUAL STATION POLISHER, 2001



BUEHLER 11-2180 ISOMET 1000 PRECISION SAW



NATURAL ROUP III COMMON PURE WATER GENERATOR, 1999



OLYMPUS BX60F5 LABORATORY FLUORESCENCE MICROSCOPE



Nick Jimenez CONTACT



ZEBRA 140XI4 ZEBRA PRINTER, 203DPI



YOUNGJIN FA ACC-30SD BUFFER CONVEYOR LENGTH (MM) 300; MIN WIDTH 30 (MM); MAX WIDTH 250 (MM)



SEAL ENG TNV-550G TOWER VACUUM SEALER M/C





MCDRY MCU-1001SE ULTRA-LOW HUMIDITY STORAGE CABINETS



EUNIL EGC-300D SHUTTLE GATE CONVEYOR, LENGTH (MM) 1300; MIN WIDTH 30 (MM); MAX WIDTH 205 (MM) ; DUAL LANE



JOT 501-57. 1/3 LASER DEPANELING CELL; CO2 LASER; SINGLE LANE; SMALL FOOTPRINT; HIGH OUTPUT; CUT/DEPANEL/SCRIBE BOARDS; UPGRADED WITH UPDATE KIT J005-785 IN NOV 2012



ZEBRA 140XI4 ZEBRA PRINTER, 203DPI



JOT 501-57.1/3 LASER DEPANELING CELL; CO2 LASER; SINGLE LANE; SMALL FOOTPRINT; HIGH OUTPUT; CUT/DEPANEL/SCRIBE BOARDS; UPGRADED WITH UPDATE KIT J005-778 IN NOV 2012



YOUNGJIN FA ACC-6CSD BUFFER CONVEYOR, LENGTH (MM) 200; MIN WIDTH 30 (MM); MAX WIDTH 230 ( MM); DUAL LANE, MANUFACTURED IN 2011



HITACHI S-4700 THE HITACHI S-4700 IS A FIELD EMISSION SCANNING ELECTRON MICROSCOPE (FE-SEM), UNDER OPTIMAL CONDITIONS, CAN MAGNIFY IMAGES UPWARDS OF 500,000 TIMES AND RESOLVE FEATURES TO 2 NANOMETERS. IN ADDITION, A CATHODOLUMINESCENCE DETECTOR, MANUFACTURED IN 2006.



ASYMTEK X-1020 SOLDER PASTE DISPENSING; SV-100 SLIDER VALVE HEAD; TACTILE HEIGHT SENSOR; VISION SYSTEM; IMPINGEMENT HEAT CONVEYOR; PURGE, SCALE, DISPENSE CALIBRATION MODULE; DUAL LANE



EUNIL EUD-200N MAGAZINE UNLOADER, LENGTH (MM) 530; MIN WIDTH 30 (MM); MAX WIDTH 250 (MM); SINGLE LANE, MANUFACTURED IN 2008



LABELER CVC TECHNOLOGIES CVC 302C LABELER, 220V, 60 HZ, 1 PH, 880W, MFG. 2007



EUNIL EWT-100 INSPECTION CONVEYOR, LENGTH (MM) 1100; MIN WIDTH 30 (MM); MAX WIDTH 205 (MM) ; DUAL LANE

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FINETECH PICO FINETECH PICO HIGH DENSITY REWORK STATION



ZEVAC DRS24C ZEVAC (AIR-VAC) BGA REWORK STATION



VISION ENGINEERING TS4 STEREO DYNASCOPE



JOT SHUTTLE CONVEYOR, (MM) 500; MIN WIDTH 50 (MM); MAX WIDTH 205 (MM) ; TRIPLE LANE, MANUFACTURED IN 2008



AMETEK LRX PLUS TENSILE AND COMPRESSION TESTING MACHINE



EUNIL ESC-300D LOADER CONVEYOR, LENGTH (MM) 530; MIN WIDTH 30 (MM); MAX WIDTH 205 (MM) ; DUAL LANE



DAEHO TDK FLAT BELT CONVEYOR, LENGTH (MM) 1000; MAX WIDTH180 (MM) ; DUAL LANE



STRUERS ACCUTOM-50 PRECISION TABLE TOP CUT-OFF MACHINE AND GRINDING MACHINE FOR PRECISE AND DEFORMATION-FREE CUTTING, 2001





FUJI NXT H12S PLACEMENT HEAD



FUJI NXT KT32A 32MM FEEDER , BUCKET TYPE







MALCOM PCU-205K PASTE CONTROL UNIT





D&D TECH DC200 PARTS COUNTER



CENCORP 1000 BR IN-LINE BOTTOM ROUTER WITH EXTERNAL VACUUM SYSTEM

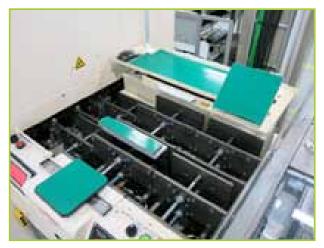


FUJI NXT KTO8B 8MM FEEDERS, BUCKET TYPE



TERADYNE TESTSTATION LX128L TERADYNE TESTSTATION LX 128L (S/N 301). TESTSTATION TO INCLUDE: 28 - ULTRAPIN II 128L PIN BOARDS (7,168 TEST POINTS INSTALLED, EXPANDABLE TO 7,680); 1 - AFTM (ANALOG FREQUENCY TEST MODULE); 1 - DSM 128 (DEEP SERIAL MEMORY 128MB); 3 - ALLIANCE I POWER SUPPLIES 0-7V @ 15A; 4 - ALLIANCE II POWER SUPPLIES 0-20V @ 8A; 2 - ALLIANCE III POWER SUPPLIES 0-60V @ 2.5A; FIXED POWER SUPPLY 5V @ 6A, +/- 15V @ 1A; FIXED POWER SUPPLY 5V @ 6A, +/- 15V @ 1A; PC CONTROLLER WITH WINDOWS XP AND 6.4.0 228X RUNTIME SOFTWARE

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EUNIL ENC-800D INSPECTION CONVEYOR, LENGTH (MM) 1000; MIN WIDTH 30 (MM); MAX WIDTH 205 (MM) ; DUAL LANE



EUNIL EWT-100D INSPECTION CONVEYOR, LENGTH (MM) 850; MIN WIDTH 30 (MM); MAX WIDTH 205 (MM) ; DUAL LANE



EUNIL EIV-180D INVERTER FLIP STATION, LENGTH (MM) 300; MIN WIDTH 30 (MM); MAX WIDTH 205 (MM); DUAL LANE, MANUFACTURED IN 2009



YOKOGAWA MV1000 PAPER LESS RECODRR



FLASH PROGRAMMER / IN-LINE TESTER CONFIGURED WITH ADVANTECH ACP 4000, 4 USB SLTS, PANEL/ PCB ADAPTER, 2 SERIAL PORTS, JOT POWER SUPPLY, NORTEL 24 PORT SWITCH HUB, INCLUDES KEYPAD DISPLAY, K20-1140 RIGHT/WRONG DIRECTION SENSOR, PANEL FLAS



ALLIED MULTIPREP PRECISION POLISHER



LDS V780 LOW FORCE SHAKER



WATER PUMP COLT IND. P/N-16602931



JAPAN UNIX UM102 SOLDER MIXER





KEITHLEY 2306 DUAL CHANNEL BATTERY/CHARGER SIMULATOR



KEITHLEY 2015 DIGITAL THD MULTIMETER



AGILENT E4438C SIGNAL GENERATOR, CHARACTERISTICS: 250 KHZ TO 1, 2, 3,4, OR 6 GHZ (.01 HZ RESOLUTION) +17 DBM OUTPUT POWER, 160 MHZ RF MODULATION BANDWIDTH MODULATION AND SWEEP: AM, FM, ØM, AND PULSE, ASK, FSK, MSK, PSK, QAM, CUSTOM I/Q, STEP, OR LIST, FREQUENCY



ROHDE & SCHWARZ CMW500 SOFTWARE OPTIONS: , KB036 6GHZ ENABLING, KM011 IQ VS SLOT TX MEAS, KM012 MULTI EVAL LIST MODE, KM200 GSM TX MEAS / GSM R6 TX MEAS, KM400 WCDMA TX MEAS / WCDMA R99 TX MEAS, KM500 LTE FDD R8 TX MEAS, ; HARDWARE OPTIONS: CONTROLLER FMR7/5 H051A, 128193



ADVANTECH ACP-4000 QUIET 4U RACKMOUNT CHASSIS WITH VISUAL & AUDIBLE ALARM NOTIFICATIONSUPPORTS EITHER AN ATX MOTHERBOARD OR A PICMG BACKPLANE WITH UP TO 15 SLOTSSHOCK-RESISTANT DISK DRIVE BAY DESIGN HOLDS UP TO THREE 5.25" AND ONE 3.5" DISK DRIVESFRONT



PRODIGIT ELECTRONICS 3315C PRODIGIT ELECTRONICS, 3315C, DC LOAD, ELECTRONIC LOAD FOR TEST AND MEASUREMENT



HEWLETT PACKARD 54645D 100-MHZ SCOPE WITH 200 MSA/S, 1 MB OF MEMORY PER SCOPE CHANNEL16 LOGIC TIMING CHANNELS WITH 400 MSA/S ON 8 CHANNELS, 200 MSA/S ON 16 CHANNELS, 2 MB OF MEMORY PER LOGIC CHANNEL, AGILENT MEGAZOOM TECHNOLOGY ALLOWS DEEP MEMORY CAPTURE



AGILENT E4406A FREQUENCY RANGE RF INPUT: 7 TO 314 MHZ AND 329 MHZ TO 4 GHZ, BASEBAND IQ INPUTS: 0 HZ TO 5 MHZ FREQUENCY SPANS: BASEBAND IQ INPUTS:5 HZ TO 5 MHZ (BASEBAND I OR Q INPUTS)10 HZ TO 10 MHZ (COMPOSITE I/Q), FREQUENCY SETTING RESOLUTION:1 HZRESIDUAL



AEROFLEX 82547 18 SLOT PXI CHASSIS WITH MXI INTERFACE



ROHDE & SCHWARZ CMW500 SOFTWARE OPTIONS: KB036 6GHZ ENABLING, KM011 IQ VS SLOT TX MEAS, KM012 MULTI EVAL LIST MODE, KM200 GSM TX MEAS / GSM R6 TX MEAS, KM400 WCDMA TX MEAS / WCDMA R99 TX MEAS, KM500 LTE FDD R8 TX MEAS; HARDWARE OPTIONS: CONTROLLER FMR9/5 H051F, 100457

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#### **AUCTIONEER'S NOTE**

HGP is pleased to be selected to conduct this 2-Day Global Online Auction for:

#### Nokia

#### **ABOUT THE SALE**

This sale features 1,000+ SMT and Test Equipment Lots Surplus to the Ongoing Operations of Nokia Assets from its Masan Korea Facility.

UPDATED CATALOG NOW ONLINE. Subject to change.

Please view our website at **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.

#### THIS SALE FEATURES

Four (4) fully functional Fuji NXT SMT Lines and Hundreds of Lots of late model Rhode & Schwarz (R&S), Agilent, Keithley, and Aeroflex instruments • HITACHI S-4700 FIELD EMISSION SCANNING ELECTRON MICROSCOPE (FE-SEM) • FUJI NXTII M3II SMT LINE • KOH YOUNG KY-3030 SERIES SOLDER PASTE INSPECTION SYSTEMS • DAGE XD7600 X-RAY SYSTEM • And Much More!



Scan this QR Code with your smartphone for More Information.

### **Contact Information**

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#### A BUYER'S PREMIUM WILL APPLY AT THIS SALE For more information including a photo gallery, equipment list, and more, please visit us online at www.hgpauction.com, Items subject to prior sale, Buyers are advised &



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#### BULK SALE PURCHASE OF COMPLETE TURN-KEY PCB ASSEMBLY LINE AVAILABLE!

#### **GLOBAL ONLINE AUCTION**

Starting: August 18, 2014 – 3:00 pm PDT Ending: August 20th & 21, 2014 – 4:00 pm PDT

Lots will open for bidding August 19, 2014 at 7:00 am KST (Korean Standard Time) (3:00 pm PDT August 18) Day #1: Lots 1 thru 787 Starts Closing at 8:00am KST Thursday, August 21 = 4:00pm PDT or 7:00pm EDT August 20 (previous day)

Day #2: Lots 788 thru End Starts Closing at 8:00am KST Friday, August 22 = 4:00pm PDT or 7:00pm EDT August 21 (previous day)

#### **AUCTION LOCATION**

211, Jayumuyeok3-kil, Masanhoewon-gu, Changwon-si, Gyeongsangnam-do, Korea

#### **AUCTION PREVIEW**

Heritage Global Partners will host a public preview: September 30th, 2014 from 9:00 AM to 5:00 PM

**Please note:** Ocean rates subject to change and any additional packing material required, i.e. boxes, cable ties, etc., will be quoted accordingly by the rigger.

For complete Terms of Sale, visit our website at:

### www.hgpauction.com

# Surplus to Ongoing Operations of Nokia

# Auction of late Model, SMT and Test Equipment used in the manufacturing of Nokia Smartphones

#### GLOBAL HEADQUARTERS

Hacienda Del Mar 12625 High Bluff Drive San Diego, CA 92130 Phone: (877) 303.8040 Fax: (866) 388.8595

#### FIRST CLASS MAIL

POSTMASTER: Dated Material. Please Deliver Promptly. Presorted First Class Mail U.S. Postage **PAID** San Diago, CA Permit No. 00

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Starting: August 18, 2014 – 3:00 pm PDT Ending: August 20th & August 21, 2014 – 4:00 pm PDT Location: 211, Jayumuyeok3-kil, Masanhoewon-gu, Changwon-si, Gyeongsangnam-do, Korea

DEMA

#### AFFILIATIONS

