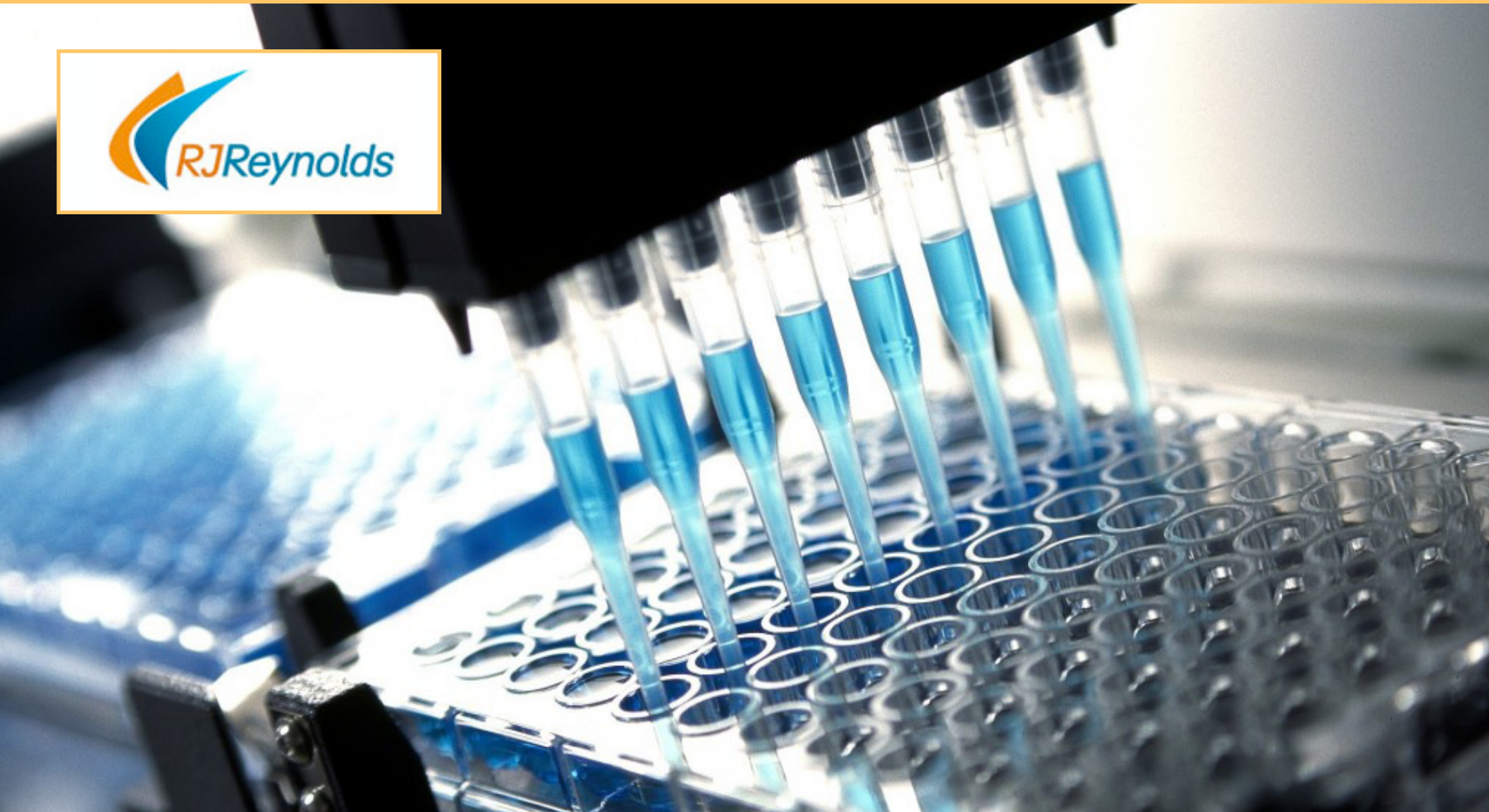


**GLOBAL ONLINE AUCTION**

July 27, 2011 7:00 am EDT

RJ Reynolds Tobacco Co.  
950 Reynolds Blvd.  
Winston Salem, NC 27105



**LATE MODEL ANALYTICAL CHEMISTRY EQUIPMENT SURPLUS  
TO THE OPERATION OF RJ REYNOLDS TOBACCO COMPANY**



**Heritage Global Partners**

Asset Advisory and Auction Services

*A Legacy since 1937*

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# GLOBAL ONLINE AUCTION



**Heritage Global Partners**

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**STARTING: JULY 27, 2011 - 7:00 AM EDT**

## Auctioneer's Note:

HGP is pleased to be selected to conduct this Global Online Auction of hundreds of late model, high quality, R&D instruments and analytical chemistry and lab equipment, no longer required by RJ Reynolds Tobacco Company.

Thank you for your interest, and we look forward to providing you quality equipment sales and World Class Service.

Best Regards,

**Ross and Kirk Dove**, Managing Partners, Heritage Global Partners

## Public Preview:

Date/Time:

**Wednesday, July 26, 2011 (9:00am to 5:00pm)**

Location:

**950 Reynolds Blvd., Winston Salem, NC 27105**

All Interested Parties Should Contact:

**Craig Thompson**

Email: [cthompson@hgpauction.com](mailto:cthompson@hgpauction.com)

Office: +1.858.847.0658

## 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



IN COOPERATION WITH:



# LATE MODEL ANALYTICAL CHEMISTRY EQUIPMENT SURPLUS TO THE OPERATION OF RJ REYNOLDS TOBACCO COMPANY



## Analytical Chemistry Equipment

**Amray / Oxford 3300 FE** Scanning Electron Microscope complete with: Amray SEM 3300 FE consisting of 3 parts: The Column Console, The Operator/Display Console, Power Supply Console; includes manuals; Oxford Pentafet Link EDX (Energy Dispersive X-Ray) with computer; Robinson Detector

**Amersham Pharmacia Biotech** Akta FPLC system

**Bausch & Lomb** Stereo Zoom 7 Microscope Zoom range 1.0x-7.0x; with light source

**Beckman Coulter DU-70** Spectrophotometer with Batch Sampler

**Beckmann Coulter** Gold 508 auto sampler; 126NM solvent module; 168NM detector with literature and some supplies

**BIACORE PPI 3000**, Currently in operation

**CEM 160000** Magnet Smart Trac Rapid Fat Analysis

**General Eastern Hygro-M2** Dew Point monitor with Dewpoint sensor and Air Temp. Sensor

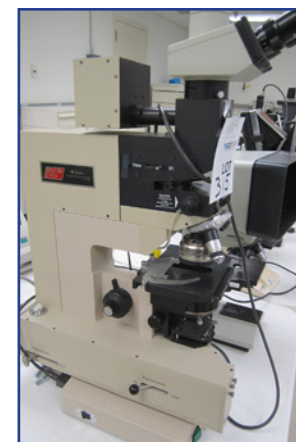
**IEC CRU-5000** Centrifuge

**Perkin-Elmer 1000** GeneAmp In Situ PCR System

**Southern Precision No.1864** Microscope complete with: X,Y,Z Stage; (1) 4x/.10, (1) 10x/.25, F40x/.65, F100x/1.25 Objectives; Light Source; Polaroid SX-70 microscope adapter with camera

**Spectra Tech IR-Plan** Infrared Microscope complete with: Light Source; (1) D Plan 10/.25 Objective; (1) Spectra Tech 15x Reflachromat Objective; X,Y,Z Stage.

**Waters Lot** includes 6pcs: (3) Waters 441 Absorbance Detector; (2) Waters Automated Switching Valves; (1) Waters Wavelength Conversion Kit



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# LATE MODEL ANALYTICAL CHEMISTRY EQUIPMENT SURPLUS TO THE OPERATION OF RJ REYNOLDS TOBACCO COMPANY

## Assorted Lab Equipment



- Agilent 1100 Series HPLC System** consisting of 2pcs: (1) G1313A ALS Autosampler; (1) G1367A WPALS Well Plate Autosampler
- Antek 7090** Nitrogen/Sulfur GC Detectors
- BIO-Tek EL311** Microplate Auto reader with Application/operators manual; also includes (1) HP ThinkJet and (1) HP DeskJet 695c
- Buchi RE-111** Rotavapor
- Denver Instrument Co. Mark 1** Moisture Analyzer
- Fisher Scientific 210** Isotemp water bath
- Gilian Gilibrator** Electronic Bubble Flowmeter
- Hewlett-Packard G2350A** Atomic Emission Detector
- Hewlett-Packard 6890 Series** Gas Chromatograph System
- Lambrech 642** Therm. Aneometer with Sensor
- Mettler DL77** Titrator

- Molecular Dynamics Storm 860** Optical Scanner with Three Virtual Instruments: Phosphor Screen, Chemi-fluorescence/blue-excited fluorescence, red-excited fluorescence, includes manuals
- Metrohm 761** Compact IC Ion Chromatography
- Perkin-Elmer 1000** GeneAmp In Situ PCR System
- PPM HAM** Handheld Aerosol Monitor
- Sievers SCD-355** Sulfur Chemiluminescence Detector
- Synoptics 60000** ProtoCol with Monitor
- Thermo Finnigan HPLC Surveyor** Lot includes 3pc HPLC system: (1) Surveyor Autosampler; (1) Surveyor LC Pump; (1) Surveyor PDA Detector



# LATE MODEL ANALYTICAL CHEMISTRY EQUIPMENT SURPLUS TO THE OPERATION OF RJ REYNOLDS TOBACCO COMPANY



## Assorted Lab Equipment

**Alpha Innotech / Polaroid Lot** includes 5pcs consisting of: (1) Kaiser RS1 Darkroom Imager Stand; (1) Alphamager 2000 Documentation and Analysis System; (1) Alpha Dual Light Transilluminator; (1) Camera 4912-2010 with Heliopan Lens; (1) Polaroid C1 3000S Digital Palette

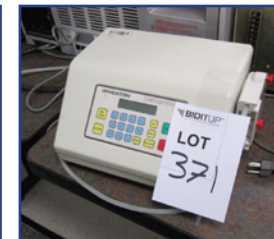
**Bio-Rad Luminex 100** Bio-Plex System

**Borgwaldt-kc 70730020 RM20S** Smoking Machine with (2) Stuart S160D Incubator

**Borgwaldt technik RM-1** Analytical Smoking Machine

**Colibri** Liquid Handling System

**Dionex Lot** includes 2pc HPLC system includes: (1)



Dionex AS50 Autosampler; (1) Dionex DX-120 Ion Chromatograph, also includes manuals and accessories  
**Dionex HPLC Lot** includes 5pc HPLC system: (1) AS40 Autosampler; (1) DX-120 ION Chromatograph; (1) LC-20 Chromatography Enclosure; (1) CD 20 Conductivity Detector; (1) GP 40 Gradient Pump  
**Gould OS 3500** 60 MHz Oscilloscope  
**Hewlett-Packard 6890 Series** Gas Chromatograph System (Qty. 14)  
**Hitachi F1000** Fluorescence Spectrophotometer  
**Lovibond PFX995** Tintometer  
**Perkin-Elmer Wallace Victor 2 1420** Multilabel Counter  
**Sievers SCD-350** Sulfur Chemiluminescence Detector  
**Tektronix 222** Digital Storage Oscilloscope  
**Waters 717 plus** Autosampler  
**Waters 500A** Prep LC/system with PrepPak 500A Chamber  
**Waters 747** Scanning Fluorescence Detector  
**Wheaton** Omnisense Dispenser

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## Analytical Chemistry Equipment



- Baker BC-6** BioChem Gard Flow Hood
- Baker SG603** SterilGuard III Advance Class II Biological Safety Cabinet
- Blue M** Micristar Conditioning Cabinet with constant temperature controller
- CEM MDS-2100** Microwave Digestion Oven
- Fisher Scientific 300 Series** Isotemp Oven
- HP 1050 Series Lot** includes 5pc HPLC system: (1) HP 79853A VW Detector; (1) HP 1050 Pump; (1) HP 35900E Interface; (1) HP Solvent Tray; (1) Cole-Parmer Masterflex pump
- ITR PDI - DDI** Pressure Drop and Percent Dilution Instrument with Gast Vacuum pump
- Lunaire C10632W-4CR** Environmental Cabinet type Incubator
- Miele G7736** Miele Labware Washer with Rack



- Metrohm 766 IC** Sample Processor w/ 127 vial Sample Rack
- Mettler MX5** Evaluation Unit with Analytical Balancing Scale includes Manuals
- Millipore** Laboratory Incubator
- Sartorius S4** Electronic Ultramicro Analytical Balancing Scale
- Sanyo MCO-20AIC** Double Stacked CO2 Air Jacketed Incubator(Qty. 6)
- Techne Hybridizer HB-1** Hybridization Oven
- Varian Lot** includes 3pc HPLC system includes: (1) Varian 9200 controller Prospekt; (1) Varian SDU Chromatography system; (1) Varian Marathon Autosampler
- Varian UV-50** Variable Wavelength Detector



# LATE MODEL ANALYTICAL CHEMISTRY EQUIPMENT SURPLUS TO THE OPERATION OF RJ REYNOLDS TOBACCO COMPANY



## Analytical Chemistry Equipment

- Arizona Instrument max 1000** Computrac Moisture Analyzer
- Beckman Coulter DU-70** Spectrophotometer with Batch Sampler
- Buchi RE-111** Rotavapor (Qty. 10)
- EVO / Winston** Flash Package Leak Testing Unit
- IEC Centra-8** Centrifuge with IEC 216 Rotor max 4000 rpm
- Mettler MX5** Evaluation Unit with Analytical Balancing Scale includes Manuals (multiple models available)
- Micromeritics GeoPyc 1360** Envelope Density Analysis system
- New Brunswick G24** Environmental Incubator Shaker.
- Perkin-Elmer AD-6** Autobalance
- Sartorius Excellence** Analytical Balancing Scale
- Sartorius S4** Electronic Ultramicro Analytical Balancing Scale. Max 4g d=0.0001mg with manual switch unit
- Waters 500A** Prep LC/system with PrepPak 500A Chamber
- Waters 510** HPLC pump



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### UPCOMING SALES CALENDAR

ONLINE



Auction of Assets Remaining From Their 150,000 Sq. Ft. Dallas, TX Assembly Facility

**August 10, 2011**  
7:00 am CDT

WEBCAST



Real Estate, World Class Woodworking Machinery & Equipment, Trucks, Material Handling Equipment and Facility Support

**August 10, 2011**  
9:00 am EDT

ONLINE



Facility Closure of Leading Manufacturer of Components and Assemblies to the Global Aerospace Industry

**August 17, 2011**  
9:00 am CDT

### WOULD YOU LIKE TO SELL AN ASSET?

Simply call **1-858-847-0656** and speak with *George Wandachowicz* Vice President Sales 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 your assets for the company and its Shareholders.

### AFFILIATIONS



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