

GLOBAL ONLINE AUCTION

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PHASE 1: 3 DAY GLOBAL ONLINE AUCTION

Featuring Surplus Assets to Continuing Operations For One of the World's Largest BioPharma Companies.

3 Locations • Over 1,000 Lots!

Separator • Tanks & Vessels • Filtration Pumps • Micro Fluidizers
Fermenters • Clean-In-Place • Columns • Huge Qty of Lab Equipment

STARTING: February 12, 7:00 am

ENDING: February 14, 10:00 am PST

3 LOCATIONS: (1) 20 Industrial Avenue, Chelmsford, MA 01824
(2) 555 Clark Road, Tewksbury, MA 01876, BLDG: ECRM Incorporated
(3) 63 Industrial Ave East, Lowell, MA 01852



Scan this QR Code with your smartphone for More Information.



HERITAGE
GLOBAL PARTNERS
ASSET ADVISORY & AUCTION SERVICES

For more information including a photo gallery, equipment list, 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.



BIOPHARM ENGINEERED SYSTEMS/MILLIPORE 40 SQ-M-MF FILTER SKID SYSTEM

MANUFACTURING SKID

1 – Sartorius/BBI Systems Manufacturing Skid, s/n 2394-150A, Allen Bradley Versa View 1500P Touch Screen, (2) Mettler Toledo O2 4100C Digital Readouts, (1) Ph 2100e Digital Readout w/Brooks Inst. 1110DJ35CMDAH Level Meters, API Basco 5Y-36, 240 PSIG Shell, 200 PSIG Tube, 400 Deg. F Heat Exchange, Great Lakes Level Control

FILTRATION SKID

1 – Amicon Proflux M185 Tangential Filtration Skid, s/n M185CSF-1719781-US, System 9510-0000, Johnson 2/0034 10 HP Pump, Cole Parmer 7549-50 Pump w/7529-30 Head, (4) Valves, Piping
2 – Biopharm Engineered Systems/Millipore 40 SQ-M-MF Filter Skid System, s/n 06-1337-2009, Millipore Project #MDA008288, Job #1337, 2007 DCI 400L Working Volume Stainless Steel Vessel, s/n JS3632, Vessel MAWP 45 PSI @ 350 Deg. F, Jacket MAWP 147 PSI @ 350 Deg. F, National Board #6759, Optek Control 4000, Mettler Toledo Thornton 200 CR Control, Computer Interface, Allen-Bradley Process Pump VFD, Allen-Bradley Tank Agitator VFD, Yokogawa Volume Meter

1 – Pall Centrasette C-5AT Filter Skid Centrasette Skid, s/n 03-016, w/ Alfa Laval SX4NLD 3 HP Pump, 2003 Allegheny Branford 100 Liter Stainless Steel Jacketed Vessel, s/n 014058-1-1, MAWP 60+ FV PSI @ 302 Deg. F, MDMT -20 Deg. F @ 60+ FV PSI, Jacket MAWP 150+ FV @ 302 Deg. F, MDMT -20 Deg. F @ 150+ FV PSI, (2) Watson Marlow 624U IP55 Washdown Pumps, Valves, Piping on Port. Frame, Allen Bradley Versa View 1500P Touch Screen



FELDMEIER 2010 600 LITER VESSEL



PALL CENTRASETTE C-5AT FILTER SKID



NEW BRUNSWICK SCIENTIFIC SF116W/ML6100R MICROGEN FERMENTER



MICROFLUIDICS 7125-20, M-700 2005 MICROFLUIDIZER PROCESSOR

LOAD & LOCK

1 – Varian Load & Lock L&L4020LP 2008 Skid w/Sheffer Hydraulic Cylinder Maximator Pump

MEMBRANE SYSTEM

2 – Amersham Biosciences 2003/2004 Bio Process Membrane System, s/n 4044, w/Uni Block Series 4000/1, Size 500/550/575 7.5 HP Stainless Steel Pump, s/n 3175, Valves, Metering, Wedgewood 622 Conductivity & Temp Monitor, Amersham pH-P PH Transmitter on Stainless Steel Port

MICROFLUIDIZER

1 – Microfluidics Corp. 210EH-B 2001 Microfluidizer

BIO PROCESS SYSTEM

1 – Amersham 2002 UF/DF Bio Process System, s/n 1336, w/(11) Robolux Robo Valves, (2) Lewa EEK-0350-S13 3-Head Pumps, Optek 316 Absorption Meter, Air Sensor Transmitter

FERMENTER

1 – New Brunswick Scientific SF116W/ML6100R Microgen Fermenter, s/n 6808113, w/1984 Stainless Steel Tank

Live Public Preview

Preview Will be Held By Appointment Only on February 11th.



VESSELS

- 1 – ABEC 2005 200L Vessel
- 3 – Chemglass 2007 4000ML Vessel w/Opti-Chem Tempstir Control & Stirrer, Stand
- 1 – Chemglass 15 Liter Vessel, s/n 7944, w/Optichem Vari Speed Mixer, J-Kem Temp Monitor & Port. Stand
- 1 – Chemglass 2007 50 Liter Vessel, s/n 5138, w/Optichem Vari Speed Mixer, J-Kem Temp Monitor & Port. Stand
- 1 – Chemglass 2007 10 Liter Vessel, s/n 7944, w/Optichem Vari Speed Mixer, J-Kem Temp Monitor & Port. Stand
- 1 – DCI 2007 1200 Liter Stainless Steel Jacketed Vessel, s/n JS3839, Vessel MAWP 100 PSI @ 350 Deg. F, MAEP 15 PSI @ 350 Deg F, MDMT -20 Deg. F @ 100/-15 PSI, 317 Gallon, Jacket MAWP 125 PSI @ 350 Deg. F, MAEWP 15 PSI @ 350 Deg. F, MDMT -20 Deg. F @ 125/-15 PSI, Jacket Volume 4.8 Gallons
- 1 – Feldmeier 2010 600 Liter Stainless Steel Jacketed Vessel, s/n S060010, Vessel MAWP 60 PSI @ 300 Deg. F, External MAWP FV PSI @ 300 Deg. F, Vessel MDMT -20 Deg. F @ 60/FV PSI, Jacket MAWP 125 PSI @ 353 Deg. F, External FV PSI @ 353 Deg. F, Jacket MDMT -20 Deg. F @ 125/FV PSI, Bottom Agitation, Expo Mini Purge System, s/n 2010/XM19470, Rosemont 6081 Analytical Meter, Cauty HYL-80-LST Process Lighting System



ABEC 2005 200L VESSEL



ALLEGHENY BRADFORD CORP. DIMPLE JACKETED 316 L STAINLESS STEEL 150 LITER CAPACITY BUFFER VESSEL



LEE INDUST. 2004 150 LITER "DP" SS JACKETED VACUUM VESSEL



AMERSHAM BIOSCIENCES 2003 BIO PROCESS MEMBRANE SYSTEM

- 1 – Lee Indust. 2004 150 Liter "DP" Stainless Steel Jacketed Vacuum Vessel, s/n 33628-1, MAWP Internal 50 PSI @ 350 Deg. F, MAWP Jacket 100 PSI @ 350 Deg. F, MDMT Internal -20 Deg. F @ 50 PSI, MDMT Jacket -20 Deg. F @ 100 PSI w/Blender Mixer
- 1 – Mueller 100 Liter Stainless Steel Jacketed Vessel, 100 PSI @ 200 Deg. F
- 1 – Precision Stainless 1994 250 Liter Stainless Steel Jacketed Vessel, s/n 8128, 45 PSI @ 300 Deg. F Max, -20 Deg. F @ 45 PSI Min, HTS 150 PSI @ 300 Deg. F Max, -20 Deg. F @ 150 PSI Min
- 1 – Stainless Tech 2006 200 Liter Stainless Steel Jacketed Mixing Vessel, s/n 6783, MAWP 50 PSI @ 300 Deg. F, MDMT -20 Deg. F @ 50 PSI, HTS MAWP 75 PSI @ 300 Deg. F, MDMT -20 Deg. F @ 75 PSI, Bottom Vari Speed Agitation
- 1 – Stainless Technology 2006 550 Liter Portable Mixing Vessel, s/n 6675, Vessel MAWP 60 PSI @ 300 Deg. F, MDMT -20 Deg. F @ 60 PSI, H.T.S. MAWP 100 PSI @ 300 Deg. F, MDMT -20 Deg. F @ 100 PSI, NBN #332 w/Mettler Toledo Ph2100E Ph Meter, Mettler Toledo Panther 202B 10,000 Lb. Digital Scale, Bottom Agitation



SARTORIUS/BBI SYSTEMS MANUFACTURING SKID



THOMAS LADISH ASSOC. CF-04240L-CMX 500L HEATING & COOLING CART

BUYER'S PREMIUM: 15% cash buyers;
18% for credit card purchasers
(Refer to Term 7 in the Auction Terms and Conditions for details)



VARIAN 2009 SLURRY VESSEL



FELDMER 2010 600 LITER STAINLESS STEEL JACKETED VESSEL



ABEC 2005 200L VESSEL



STAINLESS TECH 2006 200 LITER STAINLESS STEEL JACKETED MIXING VESSEL



18" X 15" DIA. STAINLESS STEEL MIXING TANK



AMERSHAM FILTER PRESS W/PRECISION HYDRAULIC PUMP



Lots 1-669 Will Close Beginning February 13th, 9am EST - Lots 670 and Above Will Close Beginning February 14th, 10am EST



BPG 450/500 2004 78 LITER COLUMN



ZETA PLUS ENCAPSULATED SYSTEM HOLDER



CUNO 12ZPB3 10 BA FILTER HOUSING



18" X 15" DIA. STAINLESS STEEL MIXING TANK

Live Public Preview

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DCI 2007 1200 LITER STAINLESS STEEL JACKETED VESSEL



VARIAN LOAD & LOCK L&L4020LP



CHEMGLASS 2007 50 LITER VESSEL



STAINLESS TECH 2006 500 LITER BUFFER PREP TANK



MICROFLUIDICS CORP. 210EH-B 2001 MICROFLUIDIZER

COLUMNS

- 4 – BPG 450/750 2003 117 Liter Column, s/n 0308/522, Operating Temp TS 4 - 40 Deg. C, Pressure PS 2.5 Bar w/ Stainless Steel Frame
- 4 – BPG 2005 4L Column w/Stainless Steel Frame
- 1 – BPG 117 Liter Column, s/n 45006975, Pressure 2.5 Bar, Temp Permitted 60 Deg. C @ 5 Deg. C w/Stainless Steel Frame
- 1 – Chromafflow Dimension 600/100-300 85 Liter Column, Operating Temp TS 4 - 30 Deg. C, Design Pressure 3 Bar g.
- 1 – Millipore 2002 Cast Acrylic 54 Liter Column, s/n QS450-0025, Temp C Min 2 Max 30 w/ Stainless Steel Frame
- 2 – Millipore 2350800 52 Liter Moduline Column

TANKS

- 1 – Alloy Products 2003 23" x 18" Dia. Stainless Steel Tank, s/n 115618-001, 85 PSI MAWP @ 100 Deg. F, MDMT -20 Deg. @ 85 PSI
- 1 – 18" x 15" Dia. Stainless Steel Mixing Tank w/Lightnin G2L05R Mixer w/ Vari Speed Control
- 1 – DCI 2008 450 Liter Stainless Steel Portable Tank, s/n JS4113, MAWP 50 PSI @ 350 Deg. F, MAEWP 15 PSI @ 350 Deg. F, MDMT -20 Deg. F @ 50/-15 PSI
- 1 – Stainless Tech 2006 500 Liter Buffer Prep Tank, s/n 6183, MAWP ATM PSI @ 176 Deg. F, MDMT -20 Deg. F @ ATM PSI, HTS MAWP 75 PSI @ 176 Deg. F, MDMT -20 Deg. F @ 75 PSI
- 1 – Taco 22 1/2" x 16" Steel Tank

HOLDERS

- 5 – 3M Zeta Plus Encapsulated System Holder
- 5 – Cuno 12ZPB3 10 Bar/150 PSI @ 149 Deg. C/300 Deg. F Filter Housing
- 1 – Cuno 16ZPC1 US 2004 Stainless Steel Filter Housing
- 2 – Millipore Stainless Steel UF Holder

FILTER PRESSES

- 2 – Amersham Filter Press w/Precision Hydraulic Inc. Hyd. Pump, 6 Position

REACTOR

- 1 – DCI 2003 Stainless Steel Vessel Reactor, 2500 Liter, s/n JS2295, Internal Pressure 60 PSI @ 300 Deg. F, Jacket Pressure 145 PSI @ 364 Deg.

PUMP STATIONS

- 1 – 7.5 HP Pump Station w/Stainless Steel Piping, Valves, 4-Wheel Cart
- 1 – Sartorius/BBI Systems Pumping Station w/Fristam FPX712-120 3 HP Pump, Stainless Steel Piping, Valves, Gages, Stainless Steel Portable Platform

PCR SYSTEM

- 1 – Perkin Elmer 9600 Gene Amp PCR System

CENTRIFUGES

- 1 - Beckman J6M/E Centrifuge
- 2 - Beckman Coulter Microfuge 18 Centrifuge
- 4 - Eppendorf 5415D Centrifuge
- 1 - Fisher Scientific Micro 7 Mini Centrifuge
- 1 - IEC Centra GP8R Centrifuge
- 2 - Sorvall RC12BP 2009 Centrifuge, 4700 RPM
- 1 - Sorvall RC3BP 1997 Centrifuge
- 1 - VWR Galaxy 14D Centrifuge

ANALYZERS

- 1 - OI Corp. 700 TOC Analyzer
- 2 - YSI 2700 Select Biochemistry Analyzer
- 3 - YSI 2300 Stat Biochemistry Analyzer

SPECTROPHOTOMETERS

- 1 - Beckman DU-20 Spectrophotometer
- 1 - Mettler Toledo HR83 Halogen Moisture Analyzer
- 1 - Pharmacia Biotech Ultrospec 1000 UV/Visible Spectrophotometer



BECKMAN COULTER P/ACE MDQ CAPILLARY ELECTROPHORESIS SYSTEM



BIO-RAD UNIVERSAL HOOD II UV CHAMBER



IEC CENTRA GP8R CENTRIFUGE

MICROSCOPE

- 1 - Nikon Optishot Microscope

BALANCES / SCALES

- 2 - Mettler Toledo AX205 220g Digital Balance
- 2 - Mettler Toledo ID7SX/Base 2005 Digital Scale w/23" x 31" Base
- 1 - Mettler Toledo SB16001 Digital Scale, Min 5g d = 0.1g, Max 16100g e = 1g
- 7 - Ohaus Scout Pro 2000g Digital Bench Scale
- 5 - Sartorius CPA4202S 4200g Digital Bench Scale

POWER SUPPLIES

- 6 - Invitrogen Power Ease 500 Power Supply



FLOWTECH LAB TOP 250 PUMP



HOWDEN P123LG280/17 REGENERATION COMPRESSOR



MGM INSTRUMENTS OPTOCOMP 1 B



PHARMACIA BIOTECH ULTROSPEC 1000 UV/VISIBLE SPECTROPHOTOMETER

OSMOMETER

- 1 - Advanced Inst. 3320 Osmometer

PCR SYSTEM

- 1 - Perkin Elmer 9600 Gene Amp PCR System

IMAGER

- 1 - Bio Rad Gel Doc EZ Imager w/Trays

FRACTION COLLECTORS

- 2 - GE FRK-95 Fraction Collector

Large Quantities of Shakers, Hotplates, and Assorted Laboratory Equipment



AMERSHAM 2002 UF/DF BIO PROCESS SYSTEM

Live Public Preview

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PUMPS

- 1 – 3 HP Buffer Prep Pump w/Control Panel, Allen Bradley Panel View Plus 600 Touch Control
- 2 – Alfa Laval SX2/013/U 2-Spindle Pump, 2.3 Ratio Gear Box
- 5 – Alfa Laval SX4NLD-20MDE415CH1 PD Pump
- 2 – American Lewa K480S1 Pump, .5 HP
- 5 – DeZurik 9136-1D20-1C-19/PEA1-000-0000 Model 2" - 9131 Pump (New)
- 2 – Flowtech Lab Top 250 Pump
- 2 – Goulds Size 1X2-6 5 HP Pump (New)
- 2 – Watson Marlow 101U/R Pump
- 2 – Watson Marlow 620U Pump
- 1 – Wheaton Omnispense Digital Drive Pump



BINDER BD-240UL 100 DEG. C/212 DEG. F LAB OVEN



BANTER C140ABA CRYO FRIDGE



ALFA LAVAL SX3/035 2010 STAINLESS STEEL 5 HP PUMP



LAB-LINE 390 RADIANT WARM WALL CO2 INCUBATOR



HEWLETT PACKARD 8453 UV-VISIBLE SPECTROSCOPY SYSTEM



THERMO SCIENTIFIC/ REVCO UGL2320A20 LAB FREEZER



THERMO FORMA 722 LAB FREEZER



THERMO ELECTRON CORP. REL5004A21 LAB REFRIGERATOR

REFRIGERATORS / FREEZERS

- 1 – Banter C140ABA Cryo Fridge
- 1 – Custom Biogenic Systems 150-AT Cryo Freezer
- 1 – Fisher Scientific Isotemp 233GR 2 Door Glass Laboratory Refrigerator
- 1 – Thermo Forma 722 Lab Freezer, -40 Deg. C
- 1 – Thermo Cryo Plus 1 Mod. 7400 Cryo Freezer
- 1 – Thermo Forma Cryo Plus 1 Mod. 7400 Cryo Freezer

CHILLERS

- 1 – Mokon WS7E07H1 7.5 HP Chiller, s/n 7002506, Max. Temp 65 Deg. F
- 1 – Neslab M75 Merlin Series Chiller
- 1 – Sterling M2B2012-F Chiller
- 1 – Thermo Neslab HX150W Recirculating Chiller

CRYOPRESERVATION SYSTEMS

- 2 – MVE/Chart MVE616CAF-GB 2013 Cryopreservation System, w/MVE Tec 3000 Digital Control

Ovens

- 1 – Binder BD-240UL 100 Deg. C/212 Deg. F Lab Oven w/Chart Recorder
- 1 – Despatch LDB2-188D-3 2-Door Lab Oven, s/n 141276, 204 Deg

INCUBATORS

- 1 – Barnstead/Lab-Line SHKE-4000-5 Incubator
- 1 – Lab-Line 390 Radiant Warm Wall CO2 Incubator
- 1 – Nu Aire NU-4500 1998 CO2 Water Jacketed Incubator
- 1 – Thermo 3950 Forma Reach-In CO2 Incubator
- 1 – Thermo IEMS Incubator/Shaker, Type 1410



THERMO ELECTRON CORP. 480 FORMA ORBITAL SHAKER, S/N 103142-189 (NEW)

PACKING

- 1 – Ashcroft Modcool Pneu. Multi Packer
- 1 – Stainless Steel Packing Station w/Haskel Air Driven Fluid Pump, Gages, Cart



3 HP BUFFER PREP PUMP W/CONTROL PANEL



LAB-LINE 390 RADIANT WARM WALL CO2 INCUBATOR



AUCTIONEER'S NOTE

HGP is pleased to be selected to conduct this Global Online Auction for

Lonza

ABOUT THE SALE

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

- 40+ Like New SS Reactors & Processing Vessels as New as 2010
- 50+ Columns
- Westfalia RSA60-01-076 Separator
- Filtration Equipment
- Pumps
- MicroFluidizers
- Fermenters
- Clean-In-Place
- Huge Qty of Lab Equipment – Hundreds of Lots



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Contact Information

Craig Thompson, Tel: 858.847.0658
Email: cthompson@hgpauction.com

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GLOBAL ONLINE AUCTION : 3 LOCATIONS : OVER 1,000 LOTS

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AUCTION PREVIEW

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WOULD YOU LIKE TO SELL AN ASSET?

Simply call 1.650.207.0627 and speak with Kirk Dove, Managing Partner 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 you're assets for the company and It's Shareholders.

GLOBAL HEADQUARTERS

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AFFILIATIONS

