

# GLASS VACUUM TUBE MFG FACILITY GLASS BLOWING EQUIPMENT

**AUCTION LOCATION:**  
**4034 TECHNOLOGY WAY**  
**CARSON CITY, NV**

**TERMS AND CONDITIONS**  
ALL ITEMS ARE SOLD AS-IS / WHERE - IS  
NO GUARANTEES, OR WARRANTIES ARE APPLIED  
ALL ITEMS MUST BE PICKED UP BY  
SPECIFIED DATE

**TERMS OF SALE:** CASH OR CASHIERS CHECK ONLY. 15% BUYERS PREMIUM ON ALL PURCHASES. \$200.00 REFUNDABLE CASH DEPOSIT. 25% CASH DEPOSIT TOWARDS ALL PURCHASES. ALL SALES ARE SUBJECT TO NEVADA SALES TAX. THERE WILL BE NO EXCEPTIONS.

**BID LIVE OR VIA WEBCAST**



**AUCTION DATE :**  
**THURSDAY SEPT 14, 2017**  
**STARTING @ 10:30A.M. (PST)**

Preview : Morning of sale from 8:00am to 10:30 am.

**BY ORDER OF SECURED CREDITOR**  
**FOR RCH LABS**

## PRECISION GLASS BLOWING



**MUST SEE**  
1993 Litton mdl. EE125 Glass Lathe  
w/ Variable Speed Drive and Acces



**PRECISION**  
Heathway 16" x 24" Glass Lathe w/ Variable  
Speed Drive and Acces



**LASER**  
Jinan Morn mdl. MT-L960 Laser Engraving  
and Cutting Machine



**LASER**  
Neutec "Studio Plus 100 & Microscopic  
Laser Welding System

**PUBLIC AUCTION**

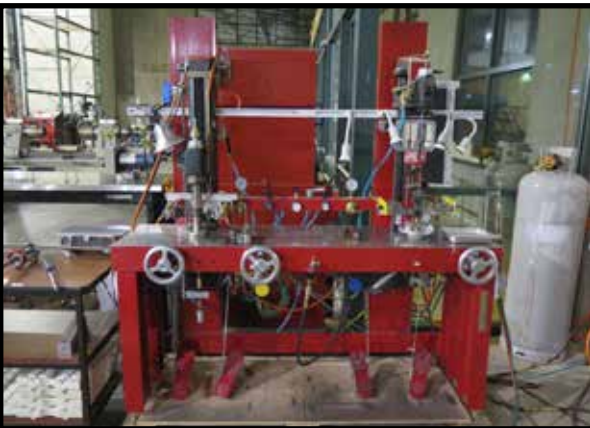
**PUBLIC AUCTION**



2000 Litton mdl. F053 8" x 12" Glass Lathe w/ 5C Colleted Head<sup>s</sup>



Litton mdl. F-U 8" x 16" Glass Lathe w/ Variable Speed Drive and Acces



2-Station Glass Tube Pinch Press w/ Rotary Die Heads

4 AVAILABLE



RCA mdl. 705Y Universal Grid Winding Machines \*\*\*4-AVAILABLE\*\*\*



Du-Gil Glass Tube Drop Sealer w/ Vacuum Pump

**Laser Engraver :**

2013 Jinan Morn mdl. MT-L960 Laser Engraving and Cutting Machine s/n 2013051 w/ CO2 Laser, 23 3/4 x 35 1/2" Table, mdl. CW-3000 Chiller, Blower.

**Glass Tube Manufacturing :**

1993 Litton mdl. EE125 Glass Lathe s/n 360R w/ Variable Speed Drive, Torch Heads and Misc Tooling.

Heathway 16" x 24" Glass Lathe w/ Variable Speed Drive, Torches and Acces.

Litton mdl. F-U 8" x 16" Glass Lathe s/n 1007 w/ Variable Speed Drive, Torches and Misc Tooling.  
2000 Litton mdl. F053 8" x 12" Glass Lathe s/n 1543R w/ Variable Speed Drive, 5C Colleted Heads, Torches and Acces.

2-Station Glass Tube Pinch Press w/ Rotary Die Heads, Torches and Acces.

12-Station Glass Tube Drop Sealer w/ Torch Heads. Du-Gil Glass Tube Drop Sealer w/ Vacuum Pump, Gages and Torch Tips.

Litton mdl. VS-D Glass Tube Drop Sealer w/ Torch Heads and Regulators.

Pre-Heating Stand.

Wale Heathway mdl. "16" TILT Head" Glass Cutting Machine w/ Diamond Blade, Coolant.

Glass Lathe Torch Heads and Acces.

G-Tec mdl. TB125 Natural Gas Torch Booster.

GT-Pak mdl. DM-200 Natural Gas Compressor.

GT-Pak mmdl. TB-90 Natural Gas Torch Booster.

Glass Tubes (5-PALLETS).

**Welding :**

Neutec & Studio Plus "Microscopic Laser Welding System s/n SP10067 w/ Nd-YAG Laser Crystal, Maximum Pulse Power 20mS @ 100 joules. Miller 330 A/BP Constant Current AC/DC Arc Welding Power Source.

Chicago Electric 165A TIG Inverter Welder.

Unittek mdl. 1-180- 02 250 Watt Seconds Micro Spot Welder.

**Furnaces and Chambers :**

Vacuum Chamber w/ 50" Dia. x 36" Stainless Steel Chamber, Pneumatic Actuated Chamber. Centrotherm "Guidant VI" Sintering Furnace s/n 0001 w/ Computer Controls.

(2)Lindberg Type 51668-R 1200 Deg C Environmental Furnaces w/ Roll-In Environmental Chambers.

Lindberg mdl. 51442 1200 Deg C Environmental Furnace w/ Stainless Environmental Chamber, Computer Monitoring System.

Denton DV-502 Vacuum Deposition System.

Lindberg Type 54352 1200 Deg C Benchtop Laboratory Tube Furnace w/ Type 59544 Control System.

Lindberg Benchtop Laboratory Tube Furnace. Sam-Han Vacuum Development "Strip Caster" mdl. SVR-201 Vacuum Induction Furnace w/ HF Power Supply, Korea Diavac Vacuum Pump.

BlueM mdl. BF51728C1100 Deg C Furnace. Turbotronik NT151/361 Turbo Pump system w/ Alcatel Vacuum Pump, Kurt Lesker IG2200 Ion Gage

Controller, 10-Station Multiport Manifold. Turbotronik NT150/360 Turbo Pump system w/ Vacuum Pump, Kurt Lesker IG2200 Ion Gage Controller, 10-Station Multiport Manifold.

Lepel mdl. T-5- 3-MC- BW 12.7 kVA Induction Heating System w/ Stand.

2012 Across International mdl. IH15AB 7kW Induction Heater System w/ Digital Controls, Cooling System and Cart.

Cycle-Dyne mdl. B-50 5kW Induction Heating System.

VWR mdl. 450M and Napco mdl. 58301 Thermal Vacuum Chambers w/ Alcatel Vacuum Pump and Stands.

GoodKiln / SlipMaster 5600 Watt Electric Kiln. Cross mdl. Fuser 89E Electric Kiln.

Jenkins Electric Kiln.

300 Below Inc. "Cryogenic Tempering -300 Deg F Cryo-Processor" w/ Computer Monitoring System.

Legacy mdl. PAC60s2-T3- Z Chiller System w/ Pumps, Storage Containers and Rack.

# GLASS BLOWING DEPARTMENT



Lindberg Type 51668-R 1200 Deg C Environmental Furnaces



Lindberg Benchtop Laboratory Tube Furnace



Vacuum Chamber w/ 50" Dia. x 36" Stainless Steel Chamber



Wale Heathway mdl. "16" TILT Head" Glass Cutting Machine



Turbotronik Turbo Pump Systems w/ 10-Station Manifolds

Inspection :

MicroVu mdl. 500HP 12" Table Model Optical Comparator.  
AmScope Video Microscope.  
Bausch & Lomb Stereo Microscope.  
LRI Lighting Resources International Type S105 Test Station w/ PLC Controls.  
Leybold-Haraeus Test Apparatus w/ Stand. Tube Testers.

Audio Equipment :

Clearaudio "Maximum Solution" Turntable w/ Master TQI Tangent Tone Arm (NO STYLUS).  
Graff GM20 OTL, PrimaLuna ProLogue One and THD PicoValve Amplifiers.  
ART "Tube MP Studio" Tube Microphone Preamplifier.  
AMC mdl. MD5401 Bitstream DAC and Misc Guitar Effects.  
Fender "Pro-Junior" Amplifier and Champ Guitar Amplifier.  
Jolida mdl. JD 301RC Integrated Amplifier and Speakers.  
Greta MDF Guitar Amplifier.  
D & A Speaker System and Opera Platea Speaker System w/ Cords.



2012 Across International mdl. IH15AB 7kW Induction System w/ Digital Controls



Lindberg Benchtop Laboratory Tube Furnace

# TUBE PUMP SYSTEMS / TUBE FURNACE

# PUBLIC AUCTION: THURSDAY SEPT 14, 2017



300 Below Inc. & Cryogenic Tempering  
-300 Deg F Cryo-Processor



Concord mdl. 1550 15" x 50" Geared  
Head Gap Bed Lathe

## Support Machinery :

Concord mdl. 1550 15" x 50" Geared Head Gap Bed Lathe  
s/n 0175 w/ 25-2000 RPM, Inch/mm  
Threading, Tailstock, Steady Rest, 8" 6-Jaw Chuck, 12" 4-Jaw  
Chuck, Coolant.

(4) RCA mdl. 705Y Universal Grid Winding Machines w/  
Acces.

Jet mdl. JMD-18 Mill-Drill Machine w/ Ditron D60-2M  
Programmable DRO.

Central Machinery 6" Metal Cutting Band Saw w/ Coolant.

Import mdl. G5012W 5" Horizontal Band Saw w/ Coolant.

(2) Diebold Stamping Presses (FOR PARTS).

Durant Motorized Coiler and Feed Unit.

Kaesar SM8 7.5Hp Rotary Air Compressor s/n 08554 w/ 30  
CFM @ 110 PSIG, 6088 Hours, Kaesar TB26

Refrigerated Air Dryer, Air Tank.

2013 Kaesar Air-Center SX-5 5Hp Rotary Air Compressor/  
Dryer/Tank Combo s/n 1319 w/ 21 CFM @ 125  
PSIG.

Nachi 6-Axis Robotic Manipulator (NO CONTROLS).

Delta Shopmaster 12" Vertical Band Saw.

Proxxon 5" Vertical Band Saw.

Chicago 14" Abrasive Cutoff Saw.

Shop Fox mdl. M1052 12" 3-IN- 1 12" Shear - Brake - Roll  
w/ Table.

Central Pneumatics Dry Blast Cabinet.

(3) Kendal mdl. HB-S- 027HDT Ultrasonic Cleaning Tank  
w/ Digital Controls.

Pittsburgh 20 Ton Air-Over- Hydraulic H-Frame Press.

Coherent 7200 Series Cavity Damper and Coherent 5920 Dye  
Circulators.

Coherent Antares Process Chillers.

Dumore Tool Post Grinder.

Brooklyn &quot;The Replicator Maker BOT&quot; mdl.

12224 3-D Printer w/ 5&quot; x 7 1/2&quot; Table (NO  
COMPUTER).

Pallet Racks w/ Nippon-Muki Filtration Systems.

Table Top Spray Painting Booths.

Stainless Steel and Maple Top Work Benches.

Yale and Hand Master Pallet Jacks.

## Misc Electronics and Test :

Tegal &quot;PLASMOD&quot; Vacuum Plasma Etching  
System w/ Trivac Vacuum Pump, Power Bright VC-3000W

Step Up and Down Transformer, Oxygen Tank and Acces.

Tektronix TDS1002 2-Channel Digital Oscilloscope, Atten  
ATF20B DDS Function Wave Form Generator.

GW Instek mdl. GOS-620 Oscilloscope.

Amber mdl. 5500 Programmable Distortion and Noise  
Measurement System.

Hioki 3522-50 LCR HiTester.

Hewlett Packard 3582A Spectrum Analyzer.

Rion mdl. &quot;Status 2100&quot; Particle Counter.

BK Precision mdl. 878A LCR Meter, Velleman HPS10 Per-  
sonal Scope, Elenco Transistor-Diode Tester.

HP 6207B Power Supply, Ionivac IM 110D Ion Gage Control-  
ler and Milliamp Meter.

Tube Tester and Capacitor - Resistor Analyzer.

Dressen-Barns mdl. 5-300F Regulated Power Supply and  
Table.

Weston mdl. 686 Vacuum Tube Tester.

Tektronix Type 576 Curve Tracer.

BK Precision mdl. 1786A Programmable Power Supply and  
Mastech HY3005F-3 DC Power Supply.

Snell & Wilcox TBS185 Synchronizer and Comdel RF  
Power Supply

Fluke Multimeters.

Multimeters and Temperature Gages.

Electronic Components, Test Leads and Hardwar



2013 Kaesar Air-Center SX-5 5Hp  
Rotary Air Compressor Combo



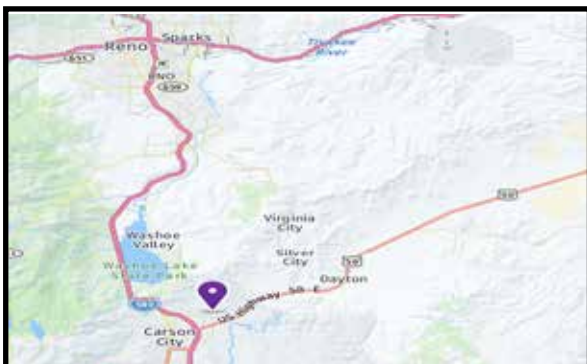
Kaesar SM8 7.5Hp Rotary Air  
Compressor



Electronic Test Equipment



Guitar Amplifiers and Effects



Directions : From Reno NV,  
take HWY-395 / I-580 South To  
Carson City. Exit on College Pkwy  
and keep left to turn left onto Col-  
lege Pkwy. Turn left on Goni Rd.  
Turn right on Arrowhead Dr. Turn  
left onto Technology Way.  
Look for "Auction Today" signs.