

Auction Catalog

Xalt Energy - Day 1 of 6 - XALT Energy | Midland, Michigan Day 1: Lithium-Ion
Battery Manufacturing Lines, Coating & Automation

Auction Date:

Tuesday, Mar 31 2026

Bidding Starts: 10:00 AM EDT

BidItUp Auctions Worldwide
1101 E. Tropicana Avenue
Suite 3033
Las Vegas, NV 89119

Phone: (818) 508-7034
Email: auctions@biditup.com

Lot Number	Lot Title & Description	Serial Number
0A	LOT LIST COMING SOON!	
0B	<p>How to Bid: This auction features two distinct bidding formats: one online-only before the live webcast auction and one during the live webcast event.</p> <p>Online-Only Bidding Prior to the live webcast, you can place bids online for the auction lots. This allows you to start the bidding process and potentially win the items before the live event.</p> <p>Proxy Bidding Proxy bidding allows you to submit a maximum bid without participating in the live webcast event. Once your proxy bid is placed, the system will automatically bid on your behalf at the increments specified by the auctioneer.</p> <p>Even if you set a proxy bid, you can still actively participate in the live webcast auction if you choose.</p> <p>Example of Proxy Bidding: Let's say Mr. Smith is interested in bidding on lots 4 and 5 but is unable to attend the live event. He can log in ahead of time, place a maximum bid of \$100 for each lot, and set his proxy bid. If Mr. Jones places a bid of \$25 on lot 4, Mr. Smith's proxy bid of \$100 will place him as the highest bidder at \$50. If no one else bids, Mr. Smith wins the lot at \$50. However, if a bidder during the live webcast places a bid of \$60, Mr. Smith's proxy will automatically increase his bid to \$70.</p> <p>Recommendation: To increase your chances of winning, we suggest setting maximum proxy bids for the lots you're interested in. The system will bid for you up to your max bid. Additionally, you can participate in the live virtual webcast to monitor the auction and increase your max bid if you are outbid.</p> <p>Important Note: You are allowed to bid both online and during the live webcast. If you're approved to bid, you may participate in both the online-only auction and the live virtual webcast auction.</p> <p>Important Auction Tips: Multiple Platforms: This auction is being held on multiple platforms. In the case of a tie bid, the auctioneer may ask for a tie-breaker or award the bid to the last, fastest bidder if the tie is not resolved.</p> <p>Choice Lots: When a lot is offered as a choice, the highest bidder can select one or more items from a grouping at the bid price. The bidder can take as many lots as desired at that price.</p> <p>Line and Piece Meal Lots: Some lots may be offered as a line (bulk lot) or piecemeal (individual pieces). When lots are offered both ways, the highest aggregate sum of the individual bids or the highest bulk bid will determine the winning bid.</p> <p>Tie-Breaking Process: This auction will be held as a simulcast event across multiple platforms. If a tie occurs, the auctioneer will attempt to break the tie. If a tie cannot be resolved, the auctioneer may, at their discretion, award the lot to the last fastest bidder.</p> <p>Bid Button and Increments: When you click the bid button online, your bid will be placed automatically at the increment specified by the auctioneer. Custom bid amounts cannot be entered.</p> <p>By following these guidelines, you can participate in both the online and live auction formats and increase your chances of winning your desired lots. Happy bidding!</p>	

Register 24 hours prior to the start of the auction.

A valid credit card, billing address, office address, email address and company address are required to bid online.

If you have a resale certificate or exemption, please provide a PDF copy to our office so that we may amend your invoice properly. In the email please provide your bidder number, your registration information and the name of the auction. This can be emailed to auctions@biditup.com.

First-time registrants - in order to bid for this auction, you MUST HAVE:

- 1) A deposit, 25% of expected purchases or \$1,000 minimum or
- 2) Be in good standing with other auctions held by members of the Industrial Auctioneers Association or
- 3) Belong to the IAA or MDNA or
- 4) Have successfully bid and picked up at 2+ auctions on bidspotter.com

Form of deposit: wire transfer (for wire instructions, please email customerservice@biditup.com).

Please note, all international bidders, or bidders spending over \$20,000 are required to submit a deposit via wire transfer of 25% of your maximum estimated bid. For example, if you are planning to spend a maximum of \$100,000 at auction, a wire transfer must be sent to us of \$25,000 prior to the sale to allow you to bid.

The same deposit requirement is applied for bidders with negative remarks on Bidspotter. You must provide a 25% deposit of your maximum estimated spend limit to be approved for the sale.

If you have any questions on approval, please email customerservice@biditup.com.

Once you have registered with Bidspotter, and Registered for this Auction, we will be notified. If you are approved, you will receive an approval notification status. If you have not been approved, please call us so we may help you through the process: (818) 508-7034

If you need help with registering for Bidspotter: BidSpotter Customer Service Support Department. Have a question pertaining to the bidding process? Visit our Frequently Asked Questions! You can also start a live chat with a Bidspotter Support Representative by selecting Live Chat at the top of Bidspotter.com. More information on our chat system can be found by clicking here.

Customer Support Hours:

Monday - Thursday, 8:00 AM EST - 10:00 PM EST

Friday, 8:00 AM EST - 6:30 PM EST

Email: support@bidspotter.com

Office: (253) 858-6777

Toll Free: (866) 597-2437 for Frequently Asked Questions

OC

BIDITUP AUCTIONS WORLDWIDE, INC.
BIDDERS BINDING CONTRACT

BIDITUP AUCTIONS WORLDWIDE, INC, HEREIN AFTER REFERRED TO AS BIDITUP, AUCTIONEER AND SELLER. BIDDER HEREIN AFTER REFEREED TO AS BIDDER, REGISTERED BIDDER, PURCHASER, UNDERSIGNED AND BUYER. THIS AUCTION WILL BE CONDUCTED PER THE TERMS AND CONDITIONS BELOW AND SUPERSEDED BY ALL OTHER PROVISIONS, AMENDMENTS, MODIFICATIONS AND ANNOUNCEMENTS ADDED BY AUCTIONEER AT ANYTIME PRIOR TO OR DURING THE AUCTION SALE AND OR AS POSTED ON WWW.BIDITUP.COM. BIDDER HEREBY AGREES AND ACKNOWLEDGES AUCTIONEER IS NOT RESPONSIBLE OR LIABLE FOR BIDDERS ACKNOWLEDGEMENT OF ANY SUCH ANNOUNCEMENTS AND BIDDER ASSUMES ALL RISKS AND LIABILITIES BELOW ONCE IT BIDS.

AUCTIONEER SHALL HAVE THE RIGHT TO MAKE IMAGE AND AUDIO VIDEO RECORDINGS OF THE AUCTION, TO USE SAID RECORDINGS AND IF DEEMED APPROPRIATE IN AUCTIONEERS SOLE DISCRETION TO MAKE THIS PUBLIC. BUYERS HEREBY GIVE THEIR PERMISSION AND CONSENT BY PARTICIPATING IN THE AUCTION.

Auctioneer at its sole discretion may deny entry, registration or bidding at any time to any person or entity. Bidder's paddles and invoices are nontransferable. All bids made by the holder of the bid paddle will be the responsibility of the Registered Bidder, Bidder and the Undersigned. All sales are final and there are no refunds, returns, credits, exchanges or rebids once the Auctioneer knocks down the item or declares it sold to the Bidder.

The Bidder, Registered Bidder, Purchaser, Undersigned and Buyer agree a successful bid at auction constitutes a legally binding contract of sale and this contract is binding upon the Registered Bidders Company, the Bidder, Purchaser, Undersigned and Buyer personally for all amounts due and owing at the conclusion of bidding and time of invoice. BUYER BEWARE AND CAVEAT EMPTOR.

"THE BUYER ALONE IS RESPONSIBLE FOR CHECKING THE QUALITY AND SUITABILITY OF GOODS BEFORE A PURCHASE IS MADE."

Auctioneer makes no representations, warranties, promises, covenants or guarantees, expressed or implied, as to defects in or the completeness or accuracy of the description in any advertising of any item(s) being auctioned and is not responsible for any advertising discrepancies, descriptions, nomenclature or inaccuracies of any kind. ALL ITEMS ARE SOLD ON AN "AS IS, WHERE IS" BASIS AND WITH ALL FAULTS WITHOUT EXCEPTION AND WITH REMOVAL AT BUYERS SOLE RISK AND EXPENSE. THE AUCTIONEER MAKES NO REPRESENTATIONS, WARRANTIES, PROMISES, COVENANTS OR GUARANTEES OF ANY KIND, EXPRESSED OR IMPLIED, AS TO THE NATURE, QUALITY, DURABILITY, CAPABILITY, FUNCTION, PERFORMANCE, VALUE OR CONDITION OF THE ITEM(S) BEING AUCTIONED OR ITS (THEIR) SUITABILITY FOR ANY USE. THE AUCTIONEER EXPRESSLY AND SPECIFICALLY DISCLAIM, WITHOUT LIMITATION, ANY WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE.

OD

The Undersigned hereby waives, releases, remises, acquits and forever discharges the Auctioneer, and their respective employees, agents, or any other person acting on behalf of the Auctioneer, of and from, and shall indemnify and hold the Auctioneer and their respective employees, agents, or other persons acting on behalf of the Auctioneer and against any claims, actions, causes of action, demands, rights, damages, costs, expenses or compensation whatsoever, direct or indirect, known or unknown, foreseen or unforeseen, which the undersigned now has or which may arise in the future on the account of or in any way growing out of or connected with any defects, latent or otherwise, or the physical condition of any item(s) purchased or any law or regulation applicable thereto. The undersigned specifically waives the provisions of California Civil Code section 1542, which provides: "A general release does not extend to claims which the creditor does not know or suspect to exist in his favor at the time of executing the release, which if known by him must have materially affected his settlement with the debtor."

The Auctioneer encourages the Undersigned to avail itself of the opportunity to make inspections prior to bidding and/or purchasing. The Undersigned hereby acknowledges that it has inspected or voluntarily waived said inspection of all of the items upon which it will be bidding and/or does purchase. Once the Auctioneer knocks down the item or declares it sold to the Bidder, there are no credits, returns, exchanges, refunds or rebidding unless at the Auctioneers sole discretion and such request for rebid is made directly to the Auctioneer and within no more than 5 minutes from the Bidder after the item has been sold. No claim will be considered for allowance or rescission of any sales based upon failure of the property to correspond with any standard expected.

In order to participate in the auction, all Bidders must provide Auctioneer a 25% deposit, in cash, cashier's check or company check accompanied by a bank letter of guarantee of unqualified payment to Auctioneer, or a wire transfer (with a wire transfer fee included) of your maximum expected spending. The final payment in full of Bidders invoice must be received by Auctioneer within the first banking day 24 hours after the auction or the Buyer will be in default of this Contract. The Auctioneer will charge all Bidders a taxable sur charge buyer's premium on its invoice. The Undersigned shall provide proof satisfactory to the Auctioneer of its entitlement to claim exemption from sales tax, which proof must be representative of the same industry as the item(s) that are purchased. In the absence of proof satisfactory to the Auctioneer, the Buyer shall pay all taxes. The Auctioneer will not be responsible for any Department of Motor Vehicle fees, tax, registration, licensing, penalties, smog certificate or fees. Certain vehicles as announced and/or noted in the auction catalogue or on Buyers invoice will be sold "AS IS," with a Bill of Sale only, Each titled item will be charged a \$75 title transfer fee. If available by Auctioneer, titles will be sent to Buyers approximately 7-10 business days after receipt of payment. There will be no refunds if Auctioneer is unable to produce a title. Sales tax on Motor Vehicles is the responsibility of the Buyer to be remitted to its appropriate states Department of Motor Vehicles. All vehicles are sold "AS IS, WHERE IS, WITH NO WARRANTIES EXPRESSED OR IMPLIED." It is the Buyer's responsibility to inspect the vehicle to verify accurate description, model, year, mileage, condition and any and all details pertaining to the vehicle. Auctioneer is not responsible for any inaccuracies of any kind. Credit cards are not accepted.

TERMS AND CONDITIONS CONTINUED...

Auction sales and items are subject to cancellation without prior notice.

The Auctioneer reserves the right to augment this auction with items from additional sellers. These items may be interspersed and not specially identified throughout the auction sale.

The Auctioneer shall regulate all matters relating to the conduct of the auction and the Auctioneer's decisions shall be final and binding on all bidders.

The Auctioneer reserves the right to group, regroup, reduce, add to or delete lots as well as accept or reject any or all bids at the Auctioneer's sole and absolute discretion.

The Auctioneer reserves the right to offer any or all of the items in bulk at any time during the auction at the Auctioneer's sole and absolute discretion.

The Auctioneer shall determine the bidding increments and the Auctioneer may bid on any item(s) to protect its financial interest or indebtedness at its sole and absolute discretion.

Immediately upon the Auctioneer announcing sold or knockdown and the Auctioneer has declared the Undersigned to be the Purchaser, all items comprising of the lot become the sole and absolute responsibility of the Undersigned and the Undersigned shall thereupon and thereafter assume all risk of loss (including, but not restricted to loss by way of theft or damage) and liability relating to such items. The Undersigned is advised to pre-arrange insurance coverage for its purchases as there will be no refunds for missing, lost, damaged or stolen items unless and only at the Auctioneer's sole discretion. The Auctioneer shall in no event be liable to the Purchaser for non-delivery of any item(s) for any reason except for the return to the Buyer of the deposit or other sums paid for such non-delivered items. This non-delivery period extends from the knock down until the time allotted for the removal process concludes. In no event will the Auctioneer's liability to the Undersigned exceed the amount actually paid by the Undersigned. THE UNDERSIGNED HEREBY ACKNOWLEDGES AND AGREES THAT THE AUCTIONEER SHALL NOT BE LIABLE FOR SPECIAL, CONSEQUENTIAL OR INCIDENTAL DAMAGES.

Title to and possession of the item(s) shall not pass to the Undersigned until the Auctioneer has received payment for all items duly purchased in full. All items and the entirety of the Purchaser's invoice require payment in full prior to Auctioneer releasing any items. If all the items are not paid in full by Purchaser for any reason, and Purchaser has provided Auctioneer any monetary consideration, Auctioneer will retain all the items and the monetary consideration paid by Purchaser to mitigate Auctioneer's financial damages caused by Purchaser. If after the subsequent mitigation amounts (if any) received by Auctioneer exceed the amount of the Purchaser's invoice and below, the auctioneer will refund such amounts to the Purchaser once determined by Auctioneer in its sole discretion. The Purchaser hereby agrees items purchased at this auction will be invoiced in totality, although in some cases separately priced on the invoice, the total amount due Auctioneer of the Purchaser's invoice is deemed a single contract if in the event of a legal dispute.

If for any reason the Undersigned fails to pay the full amount of its invoice within the first banking day 24 hours after the auction, and/or fails to remove all of its items on or before the date posted on Purchaser's invoice, and/or fails to comply with any other terms and conditions of this Contract, all the items on the Purchaser's invoice will be considered abandoned and the Auctioneer in its sole discretion and without further notice to Purchaser may remove, dispose of, scrap, resell at public or private sale any or all the items and the Undersigned hereby agrees to pay to Auctioneer any monetary mitigation deficiency and costs as a result thereof, including all removal, rent, lay and hold over fees. The bidder understands and acknowledges that there is sufficient consideration by both parties to perform, and that if payment in full is not made within the specific time outlined in the contract, the bidder is agreeing to be bound by a "consent judgment" and is in violation and in default of contract. By signing below you are consenting to the terms of a judgment entered against you and are waiving your rights to any court hearing. In addition, relating to such disposition together with all charges, including attorney, court and legal fees, interest and any and all other expenses in connection with such disposition, plus a \$500.00 per diem administrative fee per item until such item(s) is (are) removed.

The Undersigned agrees that the Auctioneer may retain all deposits previously received and apply such deposits to any such deficiency without further notice to Purchaser. Purchaser hereby agrees that "time is of the essence" in regards to this Contract regarding payment of its invoice and removal of its items. For purposes of clarity, Purchaser further acknowledges and agrees Auctioneer will be monetarily damaged for the subsequent disposal of any item(s) for any reason and that the Purchaser will be responsible to pay Auctioneer for all of the above and any other such monetary mitigation deficits, damages known and unknown, and any and all other cost to Auctioneer to collect and enforce this Contract. Any monetary deficiencies to the Auctioneer become the debt of the Undersigned.

This Agreement shall be construed and interpreted according to the laws of the State of California. The Bidder further agrees to have Burbank California as the Forum City & State in the event any lawsuit is initiated by either party. If any action based on the performance, breach or interpretation of this Agreement is brought, the prevailing party in such action (as determined by the court or other body having jurisdiction) shall be entitled to recover from the losing party all actual costs and expenses of litigation or arbitration, including attorney's fees, court costs, costs of investigation, and other costs related to such proceeding.

AUCTIONEER DOES NOT WARRANT THAT THE FUNCTIONS, FEATURES OR CONTENT CONTAINED IN THE ONLINE OR WEBCAST BIDDING PLATFORM OR SOFTWARE, INCLUDING ANY THIRD-PARTY SOFTWARE, PRODUCTS OR OTHER MATERIALS USED IN CONNECTION WITH THE WEBSITE OR BIDDING WILL BE TIMELY, SECURE, UNINTERRUPTED OR ERROR-FREE, OR THAT DEFECTS WILL BE CORRECTED. AUCTIONEER RESERVES THE RIGHT TO ACCEPT AND OR REJECT AND OR REMOVE ANY ELECTRONIC BIDS FOR ANY REASON AT ANY TIME IN ITS ABSOLUTE SOLE DISCRETION. BIDDER AGREES ALL OF ITS ELECTRONIC BIDS ARE BINDING REGARDLESS OF ORDER AND OR TIME IN WHICH THEY ARE ACCEPTED OR REJECTED.

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OF	<p>TERMS AND CONDITIONS FOR DISCONNECT AND REMOVAL: All electrical disconnect, liquid removal, rigging, loading, broom cleaning, trash & debris removal, floor stud removal and transportation are the sole and absolute responsibility of the Undersigned. The undersigned agrees to remove its purchases in full, with no abandonment privileges from the premises on or before the date on the Buyers invoice. No item(s), no matter how small, may be removed while the auction is in progress. Representatives of the Auctioneer at the Auctioneer's sole discretion may stay one hour after the auction is completed for the removal of small items. All small subject to disappear items must be removed by 4:00 PM on the day following the auction. The Undersigned must present the Auctioneers personnel with proof of valid workers compensation insurance and a commercial general liability insurance certificate in a minimum amount of \$2,000,000.00 combined single limit per occurrence coverage naming the Auctioneer, the Seller and the Landlord as additional insured. If available at Auctioneers sole and absolute discretion, bridge cranes and hoist may be used by the Undersigned if crane insurance is included on the above certificate and only with the written permission of the crane owner. Should any pits, floor bolts or hazards of any type exist after removal of equipment, it is the responsibility of the Undersigned, at its cost, to reasonably safe guard these areas using generally accepted safety practices, such as safety tapes, pipes or bars welded in place or suitable safety barriers acceptable to the Auctioneer. All floor bolts and/or anchoring fasteners are to be cut flush to the floor and the area left broom clean and all debris removed. It is the responsibility of the Undersigned to be sure that the power to the item(s) is off and then to safely disconnect all electrical wiring and utility piping from the item(s) and to cap at the first electrical or air junction of the item(s). Item(s) are to be staged for loading in the area assigned by the Auctioneer's personnel. It is the Undersigned's responsibility to secure all safety equipment to meet all applicable government safety standards in using or removing any items purchased. Certain items may contain residual chemicals and/or hazardous materials. The Undersigned hereby agrees to indemnify and hold harmless the Auctioneer from any and all damages, claims or liabilities from any injuries to persons or property of any type whatsoever caused by the Undersigned, its agents, employees or contractors during the sale or during the removal, use or operation of the purchased item(s). Any hydraulic fluid removal and/or oil leaks are the Undersigned's responsibility to remove and clean up. The Undersigned must take full responsibility for compliance with applicable environmental laws and exercise all reasonable care to ensure that there is no release to the environment of any hazardous wastes or substances as defined in applicable Federal, State and Local Statues, Regulations, Rules or Ordinances. No trucks are to be left running in an enclosed building. The Auctioneer is not liable for personal belongings left on premises. Any surface or structural damage to the premises including but not limited to the walls, ceilings, floors, overhead doors, gates and/or any other item(s), etc. will be the Undersigned's sole responsibility. The Undersigned will not be permitted to leave with its purchases until repairs are made. Theft will not be tolerated and Auctioneer reserves the right to inspect all trucks, toolboxes and rigger cases, etc. Instances of theft will result in immediate termination of removal privileges and full prosecution by law. All quantities must be checked prior to removal, as adjustments will not be made thereafter. These terms and conditions together with any amendments or modifications, expressly made by the Auctioneer at the time of the auction constitute all the terms and conditions with respect to the sale of items at this auction. There are no representations, warranties, terms, conditions, undertakings or collateral agreements except as hereinabove provided I acknowledge that I have provided BidItUp Auctions Worldwide, Inc. a signed check for which I am the authorized signatory for all purposes, without restriction, sufficient to pay this negotiable instrument upon demand. I authorized BidItUp to obtain my financial information from any source and complete the check as necessary for the amount of my invoice at the auction to be presented for payment. I agree to pay all cost of collections including attorney's fees, to pay interest at the rate of 18%, unless prohibited by law, and in such case at the highest amount permitted by law from the date of issuance of this check if dishonored by a financial institution, to waive any requirement of presentment, to the exclusive jurisdiction of the executed Auction Bidders Agreement for any dispute relating to this instrument. A credit instrument is identical to a personal check. Willfully drawing or passing a credit instrument knowing there are insufficient funds in an account upon which may be drawn, or with the intent to defraud, is a crime which may result in criminal prosecution.</p>	
OG	<p>IMPORTANT PAYMENT INFORMATION Thank you for your interest in our Auction Event! Please see the below information regarding payment. Invoices will be sent out 24 hours AFTER the close of the auction. PAYMENT Payment is due 48hrs after invoices have been released - \$250 fee may apply to late payments Invoices paid with card will incur a 3.5% additional processing fee Card Payments: ONLY USE IF PAYING WITH CREDIT CARD OR DEBIT CARD MAX LIMIT OF \$2,500 (additional 3.5% card processing fee) Wire Payments: if paying by wire Please note if you send us the incorrect payment amount and require a reimbursement, a \$100 fee will apply WE DO NOT ACCEPT ACH - if you send us an ACH, a \$100 fee will apply Methods of payment: Credit/ Debit Card (includes 3.5% convenience fee) Wire Transfer TAXES/ TAX EXCEPTIONS International bidders: NO EXCEPTIONS: You must pay the full amount due. Once we receive a "Bill of Lading" after shipment, we will refund your taxes via ACH/Wire. Please note it is the bidder's responsibility to provide bank information to process the ACH/Wire. Domestic Bidders: Please complete the tax form provided by our accounting team and return to auctions@biditup.com. Once received and approved, tax will be removed from your invoice. Please note, it is the bidder's responsibility to provide tax exemption information.</p>	
OH	<p>Removal will be by appointment ONLY. There will be a link in your invoice to create an appointment- please note all appointments must be made AFTER procesing payment successfully. DO NOT SCHEDULE AN APPOINTMENTIF YOU HAVE NOT RECEIVED A PAID IN FULL INVOICE FROM ACCOUNTING.</p>	

1001	Thyssenkrupp Cell OP100A Battery Module Off-Loading and Vision Scanning Station; Module Load and Vision Sensor Check Cell, Includes: -2021 Kawasaki BX200L C 6 Axis Material Handling Robot (200kg Payload) (Servo Hours ~7,500, On Hours ~15,000 [Almost All Spent Idling]), E02G-A001 Controller, Transformer, Kawasaki #50817-0072 Pendant, Barnum Material Handling Tooling, Pressure Switches, Festo Valve Manifold -Exair Gen4 Super Ion Air Knife Static Charge Remover, Module Vision Inspection System w/ (7) Lucid Cameras, Smart Vision Lights -(2) 204"x45" (Interior LxW) Hovair Automotive Automatic Conveyors, Powered by Baldor Reliance 0.5HP, 1770 RPM Induction Motors, Rexroth Pneumatic 15" Conveyors for Bosch Antistatic Trays (Fitted for XALT Battery Modules) -Support Equipment: Thyssenkrupp PCP Board, (6) Allen Bradley Guard Master Safety Drives, (4) Banner E-Z Screen Light Curtains, Festo Valve Manifold, Allen Bradley PanelView Plus Display, Cable Trays, Safety Cage -Assembly by Thyssenkrupp System Engineering in 2023 -Cell OP100A	
1001A	2021 Kawasaki BX200L C 6 Axis Material Handling Robot; 200kg Payload; W/ Kawasaki Robot Controller Model: E02G-A001 Supply Voltage: 200-220 VAC, Kawasaki Transformer unit type: 50807-0145 Supply voltage: 380-415VAC or 440-480VAC And Kawasaki Pendant part no. 50817-0072	
1001B	Vision System 7 Lucid Color Machine Vision Cameras ; Vision System 7 Lucid Color Machine Vision Cameras w/ (2) 8mm lenses, (3) 16mm lenses, 1 Moritex 12mm len and 1 Moritex 12mm lens 56" x 53" x 77" W/ Control station and Dynics Touch Screen Monitor	
1001C	(2) Hovair 17'x4' Module Loading Conveyors	
1001D	Allen-Bradley PanelView Plus 7 HMI Operator Panel; Cat. 2711P-T15C22D9P	
1001E	Festo Valve Manifold ; Festo Valve Manifold VTSA-FB W/ (2) Festo Solenoid Valve vsva-b-b52-zd-a1-1t1l, (3) Festo Solenoid Valve vsva-b-m52-azd-a1-1t1l, Festo Air Maint Unit Combo And Hirschmann octopus OS20 Ethernet Switch	
1001F		
1001G	Allen Bradley ArmorStart Safety Control Module ; (7) AB 281GS-F12S-10A-RRG-22 Armor Start Safety Control Modules w/ 280GS-FN-10-RG-22 Network Safety Bases	
1001H	Thyssenkrupp Assembly Safety Cage for Cell OP100 - 27'x18'	
1002	Thyssenkrupp Cell OP110/OP130 Battery Module Conveyor, Bracket and Board Assembly, and Scanning Stations; Battery Module Moving and Manual Assembly Station, Includes: -Rexroth Pneumatic 15" Conveyors for Bosch Antistatic Trays (Programmed for Automatic Stops at Manual Assembly Stations) -Abell-Howe 1/8 Ton Jib Crane and 250lb Harrington Hoist for Removal of Reject Modules -(2) Keyence SR-G100 Barcode Scanners -Support Equipment: (2) Allen Bradley PanelView Plus Display/Control Stations, Festo Pneumatic Valves, PLC Modules, (2) Rittal Panels and Drives -Assembled by Thyssenkrupp System Engineering in 2023 -Cells OP110 and OP130	
1002A	Rexworth-Bosch Antistatic Conveyors and Trays for LG Battery Module Material Transport 16" across approx. 75 feet long both conveyors; Rexworth-Bosch Antistatic Conveyors and Trays for LG Battery Module Material Transport 16" across approx. 75 feet long both conveyors	
1002B	Abell-Howe 1/8 Ton Jib Crane and 250lb Harrington Hoist	
1002C	(2) Keyence SR-G100 Barcode Scanners and SR-HL1 Holders	
1002D	Allen Bradley PanelView Plus 7 HMI Operator Panel ; Allen Bradley PanelView Plus 7 HMI Operator Panel Cat. 2711P-T15C22D9P	
1002E	(2) Thyssenkrupp Main Control Panels and Pneumatic Supply Valve Manifolds for LG Module Conveyors; Festo Valve Manifold VTSA-FB W/ (2) Festo Solenoid Valve vsva-b-m52-azd-a1-1t1l, Festo Air Maint Unit Combo And Hirschmann octopus OS20 Ethernet Switch	
1002F	Allen Bradley ArmorStart Safety Control Module; 4 Allen Bradley ArmorStart Safety Control Module Cat. 281GS-F12S-10A-RRG-22 w/ 280GS-FN-10-RG-22 Network Safety Bases And (2) Allen Bradley ArmorStart Safety Control Module Cat. 281GS-F12S-10C-RRG-22 w/ 280GS-FN-10-RG-22 Network Safety Bases	
1003	Thyssenkrupp Cell OP120 Battery Module Electrical Testing Station	
1003A	2021 Kawasaki BX200L C 6 Axis Material Handling Robot; 200kg Payload; W/ Kawasaki Robot Controller Model: E02G-A001 Supply Voltage: 200-220 VAC, Kawasaki Transformer unit type: 50807-0145 Supply voltage: 380-415VAC or 440-480VAC And Kawasaki Pendant part no. 50817-0072	
1003B	Cincinnati Test Systems Battery Electrical Testing Station CTS SERIAL# CU175695M1; Supply Voltage 120V AC Phase: Single	
1003C	Pneumatic Supply Valve Manifold; Festo Valve Manifold VTSA-FB W/ (2) Festo Solenoid Valve vsva-b-b52-zd-a1-1t1l, (4) Festo Solenoid Valve vsva-b-m52-azd-a1-1t1l, Festo Air Maint Unit Combo And Hirschmann octopus OS20 Ethernet Switch	
1003D		
1003E	HMI; Allen Bradley PanelView Plus 7 HMI Operator Panel Cat. 2711P-T15C22D9P	

1004	Thyssenkrupp Cell OP200T Battery Pack Manual Off-Loading Station and Conveyors	
1004A	Thyssenkrupp XALT Battery Pack Transport Conveyor Segment w/ Trays for Packs approx. 70' Long; Thyssenkrupp XALT Battery Pack Transport Conveyor Segment w/ Trays for Packs approx. 70' Long	
1004B	Knight Global 1,500lb Overhead Crane and 350lb Servo Hoist, Attachment for Lifting XALT Battery Packs; Approx. 25' x 27' x 12'	
1004C	(2) Hovair 50"x92" Pneumatic Lift Tables	
1004D	Allen Bradley PanelView Plus HMI Operator Panel; Allen Bradley PanelView Plus 7 HMI Operator Panel Cat. 2711P-T15C22D9P	
1004E	Thyssenkrupp Main Control Panel, Hirschman OS20 Network Switch, and Pneumatic Supply Valve Manifold for XALT Pack Conveyors; Festo Air Maint Unit Combo And Hirschmann octopus OS20 Ethernet Switch	
1004F	Keyence SR-G100 Barcode Scanner and SR-HL1 Holder	
1004G	Zebra ZT231 Label Printer	
1005	Thyssenkrupp Cell OP210 Semi-Auto Load Cooling Fins and Leak Testing 78" x 27 1/2	
1005A	Thyssenkrupp Tilt Conveyor Station for Lifting XALT Battery Packs, Cooling Fin Install 78" x 27 1/2	
1005B	2023 Pfeiffer Vacuum E2 Leak Testing System for XALT Battery Packs; THK07 LeakDAS Software; Tooling for XALT Packs Incl; 120VAC Input; S/N E20423-01	
1005C	Lucid Vision System (4 Lucid Cameras w/ 16mm Computar Lenses), Lighting, Control Panel, Dynics Monitor	
1005D	Thyssenkrupp Main Control Panel and Hirschman Octopus OS20 Network Switch	
1005E	Allen Bradley PanelView Plus HMI Operator Panel; Allen Bradley PanelView Plus 7 HMI Operator Panel Cat. 2711P-T15C22D9P	
1005F	Keyence SR-G100 Barcode Scanner and SR-HL1 Holder	
1005G	(8) Banner EZ-Screen Safety Light Curtains (4) 56" and (4) 26"	
1005H	Thyssenkrupp Cell 210 Festo Main Pneumatic Supply Valve Manifold; Festo Valve Manifold VTSA-FB W/ (2) Festo Solenoid Valve vsva-b-p53U-zd-a1-1t1l, Festo Solenoid Valve vsva-b-p53e-zd-a1-1t1l, Festo Solenoid Valve vsva-b-b52-zd-a1-1t1l, (2) Festo Solenoid Valve vsva-b-t32c-azd-a1-1t1l, Festo Air Maint Unit Combo and Festo pneumatic valve vl-5/3b-d-3-c	
1006	Thyssenkrupp Cell OP220 Battery Pack Transport Reject / Reinsert Spur Station	
1006A	Thyssenkrupp Reject Turntable and Reinsert Conveyor Segment 86"	
1006B	Thyssenkrupp Main Control Panel and Pneumatic Supply Valve Manifold for OP220 Station	
1006C	Allen Bradley PanelView Plus HMI Operator Panel; Allen Bradley PanelView Plus 7 HMI Operator Panel Cat. 2711P-T15C22D9P	
1006D	Keyence SR-G100 Barcode Scanner and SR-HL1 Holder	
1007	Thyssenkrupp Cell OP230 Auto Apply Adhesive, Install Module, and Rundown Station	
1007A	2021 Kawasaki RS013N-A 6 Axis Robot w/ Cubic S Controller, Pendant; 2021 Kawasaki RS013N-A 6 Axis Robot w/ Kawasaki Cubic S Robot Controller Model: F60F-A001, Supply Voltage 200-230VAC Payload 13KG W/ Kawasaki Pendant 50817-0127	
1007B	2023 Graco Adhesive Application System - EFR Dispensing Shot Meter, MD2 Applicator Attachment, (4) Graco Check-Mate 200cc C23 Pumps; 2023 Graco Adhesive Application System - EFR Dispensing Shot Meter, MD2 Applicator Attachment, (4) Graco Check-Mate 200cc C23 Pumps	
1007C	2022 Kawasaki BX200L-C 6 Axis Robot w/ Cubic S Controller, Pendant; 200kg Payload; W/ Kawasaki Robot Controller Model: E02G-A001 Supply Voltage: 200-220 VAC, Kawasaki Transformer unit type: 50807-0145 Supply voltage: 380-415VAC or 440-480VAC And Kawasaki Pendant part no. 50817-0072	
1007D	Rexroth SB356 Automated Tightening System Controller, (4) Rexroth EC 303 Servo Motors, (4) Rexroth 3DMC060 Transducers W/ ; Rexroth Power Supply SB356 W/ (8) Modules (1) Rexroth VM350, (2) SE352, (4) LTS350D, And (1) Rexroth KE350	

1007E	Exair Gen4 Super Ion Air Knife	
1007F	Lucid Vision System - (3) Cameras, Lenses, (6) Metaphase Light Bars	
1007G		
1007H	Festo Valve Manifold; Festo Valve Manifold VTSA-FB W/ (3) Festo Solenoid Valve vsva-b-b52-zd-a1-1t1l, (3) Festo Solenoid Valve vsva-b-m52-azd-a1-1t1l, Festo Air Maint Unit Combo	
1007I	Allen Bradley PanelView Plus 7 HMI Operator Panel; Cat. 2711P-T15C22D9P	
1007J	Thyssenkrupp Safety Cage approx 37' x 41'	
1008	Thyssenkrupp XALT Battery Pack Transport Conveyor Segment (Ladder/Module Line) w/ Trays for Packs Approx 70'	
1008A		
1008B	Cincinnati Fan HDBI-220 Dust Collection Exhaust Fan, Powered by Toshiba 10HP Motor (UP TO FIRST CUT)	
1009	Thyssenkrupp Cell OP240 Battery Pack Semi Auto Install Module Busbar and Rundown Station	
1009A	2022 Kawasaki BX200L-C 6 Axis Robot; 200kg Payload; W/ Kawasaki Robot Controller Model: E02G-A001 Supply Voltage: 200-220 VAC, Kawasaki Transformer unit type: 50807-0145 Supply voltage: 380-415VAC or 440-480VAC And Kawasaki Pendant part no. 50817-0072	
1009B	Rexroth SB356 Automated Tightening System Controls and (2) Nutrunners; Rexroth Power Supply SB356 W/ (5) Modules (1) Rexroth VM350, (1) SE352, (2) LTS350D, And (1) Rexroth KE350	
1009C	Thyssenkrupp Busbar Load Shuttle 98" x 30"	
1009D	(4) Banner EZ-SCREEN Safety Light Curtains (2) 56" and (2) 26"	
1009E	Allen Bradley PanelView Plus HMI Operator Panel	
1009F	Thyssenkrupp Power Distribution Panel for Cell OP240	
1009G	Festo Valve Manifold, Hirschmann Ethernet Switch; Festo Valve Manifold VTSA-FB W/ (1) Festo Solenoid Valve vsva-b-b52-zd-a1-1t1l, (2) Festo Solenoid Valve vsva-b-p53e-zd-a1-1t1l (1) Festo Solenoid Valve vsva-b-t32c-azd-a1-1t1l, Festo Air Maint Unit Combo And Hirschmann octopus OS20 Ethernet switch	
1010	Thyssenkrupp Cell OP250 Manual Install VTB Wire Harness and Test	
1010A	2023 Cincinnati Test Systems Battery Pack Insulation/Bond/Voltage Testing Unit - Custom Tooling for XALT Packs; CTS Serial. CU170051M1 Supply Voltage 120VAC Phase. single phase	
1010B	Bosch Rexroth ESA013G-G Nutrunner, CS351 Controller, and Jäger Carbo-Arm 220; -Rexroth ESA013G-G Handheld Nutrunner: 1-75Nm Working Range; 1/4" Square Tool Mount -Rexroth CS351 Compact Controller	
1010C	Knight Global 850lb 4110 Series Enclosed Track and Thyssenkrupp Gantry Approx. 8'7"	
1010D	(4) Banner EZ-Screen Safety Light Curtains (2) 56" (2) 26"	
1010E	Keyence SR-G100 Barcode Scanner and SR-HL1 Holder	
1010F	Allen Bradley PanelView Plus HMI Operator Panel	
1010G	Thyssenkrupp Main Control Panel and Pneumatic Supply Hirschman Octopus OS20 Network Switch	
1010H	Festo Pneumatic Valve Manifold; Festo Valve Manifold VTSA-FB W/ (1) Festo Solenoid Valve vsva-b-p53U-zd-a1-1t1l, Festo Solenoid Valve vsva-b-p53e-zd-a1-1t1l, (2) Festo Solenoid Valve vsva-b-b52-zd-a1-1t1l, (1) Festo Solenoid Valve vsva-b-t32c-azd-a1-1t1l, Festo Air Maint Unit Combo and Festo pneumatic valve vl-5/3b-d-3-c	

1011	Thyssenkrupp Cell OP300 Auto Pack In / Pack Out Station - ENTIRETY [11A-11L]; To Include: -Kawasaki MG1.5HL-B 6 Axis Robot -(9) Camera Lucid Vision System -(2) 15' Hovair Dunnage Conveyors -AB Guard Master Control Modules -Banner Light Curtains -Misc. Parts Block Assemblies -Turntable -Zebra Label Printer -PanelView Plus 7 HMI Operator Panel -Festo Valve Manifold -Power Distribution Panel -OP300 Safety Cage	
1011A	2023 Kawasaki MG1.5HL-B 6 Axis Robot w/ Cubic-S Controller, Pendant; Hours: 14339.3; Servo On Hours: 4262.4 (All Idle); All Hours Idle, Never Used for Production; 1500kg Payload; Tooling for Material Handling XALT Battery Packs Included (Vision System NOT Included); S/N MG15H0034; Cubic-S #E58F-A041 Controller; Input: 460VAC 60Hz, 50A, 3~; S/N MG15H0034; Pendant S/N: T30069829 BL	
1011B	Lucid Vision System (9 Lucid Cameras w/ 8mm Computar Lenses), Lighting, Control Panel, Dynics Monitor; -Ether Inspect Vision Software -Dynics Monitor Control Board -(9) Lucid TRIO505-MC Cameras w/ Mortex UR8mm Lenses -(10) Smart Vision Lights -X-Frame Gantry for Lights and Cameras Included	
1011C	(2) Hovair Automotive Loading and Unloading Dunnage Conveyors ; 15'x8' Conveyors; Powered by (7) Baldor 0.75HP Motors and Controlled by Allen Bradley Guard Master Drives (NOT Included)	
1011D	(7) Allen Bradley Guard Master Safety Motor Control Modules; (7) AB 281GS-F12S-10A-RRG-22 Armor Start Safety Control Modules w/ 280GS-FN-10-RG-22 Network Safety Bases	
1011E	(12) Banner EZ-Screen Safety Light Curtains; (8) 4' Light Curtains, (4) 2' Light Curtains	
1011F	(4) Misc. Thyssenkrupp Parts Block Assemblies; (2) XALT Ground Level Battery Pack Tray Stations, (4) Keyence LR-TB2000C Laser Sensors	
1011G	Thyssenkrupp Turntable for XALT Battery Packs; 7' Diameter Turntable; Controlled by (2) Sew Eurodrive MMF1150-000-5D3-SFCOO-C/IV/BW1/DFC30A-0032 Frequency Inverter Drives	
1011H	Allen Bradley PanelView Plus 7 HMI Operator Panel; Cat. 2711P-T15C22D9P-B; S/N 31473917	
1011I	Festo Pneumatic Valve Manifold and Hirschman Octopus OS20 Network Switch for OP300; -Hirshmann IP67 Ethernet Switch -Festo 24V Manifold w/ (2) #VSV-A-B-B52-ZD-A1-1T1L Solenoid Valves -Festo MS6 Filter/Regular Supply Valves for Main /Robot Air Supply	
1011J		
1011K	Zebra ZT41143 Label Printer; 100-240V; Prints 4" Labels	
1011L	Thyssenkrupp Cell OP300 Safety Cage; Appx. 38'x38'x7' Max Dim.	
1012	Thyssenkrupp XALT Battery Pack Transport Conveyor Segment 2 (Battery Pack Line) w/ Trays for Packs; Appx. 28' Across x 95' Long, 38" Wide (~250' Total Loop)	
1012A		
1012B	(2) 480V Tilt Drive Disconnect Junction Boxes; Disconnect Boxes for Conveyor Segment 2	
1013	Thyssenkrupp Cell OP310 Manual Install Moisture Control Pads and Lower HV Cable Assembly Station - ENTIRETY [Lots 13A-13I]; Includes: -Rexroth Nutrunner -Knight Global Track -Lucid Vision System -Keyence Barcode Scanner -Zebra Label Printer -Allen Bradley HMI -Power Control Panel / Pneumatic Valve / Network Switch -Megger DLR010HD Digital Low Resistance Ohmmeter -AEMC 1060 1000V Megohmmeter	
1013A	Bosch Rexroth ESA013G-G Nutrunner, CS351 Controller, and Jäger Carbo-Arm 220; -Rexroth ESA013G-G Handheld Nutrunner: 1-75Nm Working Range; 1/4" Square Tool Mount -Rexroth CS351 Compact Controller -Haller+Erne #MSTKN-H-S14-HM-DB25 Socket Tray and Bits for Rexroth Nutrunner	
1013B	Knight Global 850lb 4110 Series Enclosed Track and Thyssenkrupp Gantry; 8'7" Track; Tecna Balancer	
1013C	Lucid Vision System - (2) TRIO505-MC Cameras, Fujifilm Lens, Lighting; NO CONTROLLER, (2) Lucid TRIO505-MC Cameras, Fujifilm 12.5mm Lens, (3) Light Bars	
1013D	Keyence SR-G100 Barcode Scanner and SR-HL1 Holder; 30mm/1.2" Focal Distance; S/N 48A4931C0DF6	
1013E	Zebra ZT231 Label Printer; 100-240V; Prints 4" Labels	
1013F	Allen Bradley PanelView Plus 7 HMI Operator Panel; Cat. 2711P-T15C22D9P; S/N 300757105	
1013G	Thyssenkrupp Main Control Panel, Ethernet Switch, Pneumatic Supply Valves for OP310 Station; 120VAC 1~ Line, 24V Control at Panel (Rittal Enclosure); Festo Filter/Regulator Supply Valves; Hirschmann Octopus OS20 IP67 Ethernet Switch	
1013H	Megger DLR010HD Digital Low Resistance Ohmmeter; 4-Terminal Duplex Probe Set	

1013I	AEMC 1060 1000V Megohmmeter; 50/100/250/500/1000V Test Voltage Sections; Insulation Measurements to 4000GΩ	
1014	Thyssenkrupp Cell OP320 Auto Load Layers & R/D - ENTIRETY [Lots 14A-14I]; Auto Load Layers & R/D Station Includes: - Kawasaki MXN700N Robot -Kawasaki BX200015312 Robot -Rexroth Tightening System -Lucid Vision System Cameras -IFSYS Parts Feeder -Assembly Tables -Allen Bradley HMI -Power Distribution Panel -Festo Pneumatic Valve Manifold	
1014A	2022 Kawasaki MXN700N D 6 Axis Robot; Hours: 15,014; Servo On Hours: 5,765 (All Idle); All Hours Idle, Never Used for Production; 700kg Payload; Tooling for Material Handling XALT Battery Packs Included (Vision System NOT Included); S/N MX7000151; Cubic-S #E04F-A001 Controller; Input: 200-220VAC 60Hz, 40A, 3~; S/N MX7000151; Pendant S/N: T30058739 B	
1014B	2022 Kawasaki BX200L C 6 Axis Robot; Hours: 15,014; Servo On Hours: 5,752 (All Idle); All Hours Idle, Never Used for Production; 200kg Payload; Thyssenkrupp Attachment Assembly Included; Vision System NOT Included; Rexroth Tightening Systems NOT Included; S/N BX200015312; Cubic-S #E02G-A001 Controller; Input: 200-220VAC 60Hz, 30A, 3~; S/N BX200015312; Pendant S/N: T30060397	
1014C	Rexroth SB356 Automated Tightening System Controller, (2) Rexroth Nutrunners - EC303 Servos, 3DMC060 Transducers, 3GE27 Gearboxes; Rexroth Power Supply SB356 W/ (6) Modules (1) Rexroth VM350, (2) SE352, (2) LTS350D, And (1) Rexroth KE350	
1014D	2023 IFSYS Feeding System for M8x12 Screws; 480V 60Hz, 3~ 4.5bar Pressure; IFSYS FC2000 Feeder Vibration Controls; Festo VTS-AFB Valve Manifold w/ (6) VSVA-B-B52-ZD-A1-1T1L Solenoid Valve Modules	
1014E	(5) Lucid TRIO505-MC Cameras w/ Moritex / Fujinon 35mm Lenses - No Controller; NO CONTROLLER; (5) Lucid TRIO505-MC Cameras, Moritex/Fujinon 35mm Lenses, (7) Smart Vision Lights	
1014F	(2) Parts Assembly Tables for XALT Battery Ladders and Custom Holding Frame; 7'x2.5'; Made from Aluminum X-Frame	
1014G	Allen Bradley PanelView Plus 7 HMI Operator Panel; Cat. 2711P-T15C22D9P; S/N 300790504	
1014H		
1014I	Festo Pneumatic Valve Manifold and Hirschman Octopus OS20 Network Switch for OP320; -Hirshmann IP67 Ethernet Switch -Festo 24V Manifold w/ (3) #VSVA-B-B52-ZD-A1-1T1L Solenoid Valves -Festo MS6 Filter/Regular Supply Valves for Main /Robot Air Supply	
1015	Thyssenkrupp Cell OP330 Manual Cooling Path Leak Test Station - ENTIRETY [Lots 15A-15H]; Includes: -(2) Rexworth Handheld Nutrunners w/ Compact Controllers -Pfeiffer Vacuum Leak Tester -Thyssenkrupp Conveyor Tilt Station -(2) Keyence Barcode Scanners -(2) Allen Bradley HMIs -Power Control Panel / Pneumatic Valve / Network Switch	
1015A	Bosch Rexroth ESA013G-G Nutrunner, CS351 Controller, and Jäger Handy-Lift 200; -Rexroth ESA013G-G Handheld Nutrunner: 1-75Nm Working Range; 1/4" Square Tool Mount -Rexroth CS351 Compact Controller -Haller+Erne #MSTKN-H-S14-HM-DB25 Socket Tray and Bits for Rexroth Nutrunner	
1015B	Knight Global 850lb 4110 Series Enclosed Track and Thyssenkrupp Gantry; 8'7" Track; Tecna Balancer	
1015C	Bosch Rexroth ESA013G-G Nutrunner, CS351 Controller, and Jäger Handy-Lift 200; -Rexroth ESA013G-G Handheld Nutrunner: 1-75Nm Working Range; 1/4" Square Tool Mount -Rexroth CS351 Compact Controller -Haller+Erne #MSTKN-H-S14-HM-DB25 Socket Tray and Bits for Rexroth Nutrunner	
1015D	Knight Global 850lb 4110 Series Enclosed Track and Thyssenkrupp Gantry; 8'7" Track; Tecna Balancer	
1015E	2023 Pfeiffer Vacuum E2 Leak Testing System for XALT Battery Packs; THK07 LeakDAS Software; 120VAC Input; S/N E20823-03	
1015F	Thyssenkrupp Tilt Conveyor Station for Lifting XALT Battery Packs, Rundown Coolant Manifold / Leak Test; 78" x 27 1/2"; Powered by 400V Sew Eurodrive Motor	
1015G	(2) Keyence SR-G100 Barcode Scanners and SR-HL1 Holders; 30mm / 1.2" Focal Distance	
1015H	(2) Allen Bradley PanelView Plus 7 HMI Operator Panels; HMI A: Cat. 2711P-T15C22D9P; S/N 300757100 HMI B: Cat. 2711P-T15C22D90; S/N 95785287	
1015I	Thyssenkrupp Main Control Panel and Network Switch for OP330 Station; 120VAC 1~ Line, 24V Control at Panel (Rittal Enclosure); Hirschmann Octopus OS20 IP67 Ethernet Switch	
1015J	Festo Pneumatic Supply Valves; -Festo MS6 Filter/Regular Supply Valves for Main Air Supply -Festo VSVA-B-B52 Solenoid Valve -(2) Festo Solenoid Valves for Leak Tester	
1016	Thyssenkrupp Cell OP340 Manual Rework Station - ENTIRETY [Lots 16A-16D]; Includes: -Thyssenkrupp Rework Turntable and Conveyor -Keyence Barcode Scanner -Allen Bradley HMI -Power Control Panel / Pneumatic Valve / Network Switch	
1016A	Thyssenkrupp Manual Rework Turntable and Reinsert Conveyor Segment 86" ; Turntable Controlled w/ (2) Sew-Eurodrive MMFS11S00-000-5D3-SFCO0-C Inverter Drives	
1016B	Keyence SR-G100 Barcode Scanner and SR-HL1 Holder; 30mm / 1.2" Focal Distance; S/N 48A4932C0DFB	

1016C	Allen Bradley PanelView Plus 7 HMI Operator Panel; Cat. 2711P-T15C22D9P; S/N 300757102	
1016D	Thyssenkrupp Main Control Panel and Network Switch for OP340 Station; 120VAC 1~ Line, 24V Control at Panel (Rittal Enclosure); Hirschmann Octopus OS20 IP67 Ethernet Switch	
1017	Thyssenkrupp Cell OP350 - Semi Auto Tilt Install BDU and Gasket Install - ENTIRETY [Lots 17A-17I]; Includes: -Rexroth Handheld Nutrunner and Controls -Lucid 3 Camera Vision System -Banner Light Curtains -Thyssenkrupp Tilt Table -Keyence Scanner -Allen Bradley HMI -Power Control Panel / Pneumatic Valve / Network Switch	
1017A	Bosch Rexroth ESA013G-G Nutrunner, CS351 Controller, and Jäger Handy-Lift 200; -Rexroth ESA013G-G Handheld Nutrunner: 1-75Nm Working Range; 1/4" Square Tool Mount -Rexroth CS351 Compact Controller -Haller+Erne #MSTKN-H-S14-HM-DB25 Socket Tray and Bits for Rexroth Nutrunner	
1017B	Knight Global 850lb 4110 Series Enclosed Track and Thyssenkrupp Gantry; Track Cart for Jäger Arm Included	
1017C	Lucid Vision System - (3) TRIO505-MC Cameras, Fujifilm Lens, Lighting; Dynics Monitor Control Board w/ Ether Inspect Software (3) Lucid TRIO505-MC Cameras, Fujifilm Lens, (8) Light Bars	
1017D	(4) Banner EZ-Screen Light Curtains ; (2) 4' Curtains, (2) 2' Curtains	
1017E	Thyssenkrupp Tilt Conveyor Station for Lifting XALT Battery Packs, Rundown Powerlocks /Gasket Lid Install; 78" x 27 1/2"; Powered by 400V Sew Eurodrive Motor	
1017F	Keyence SR-G100 Barcode Scanner and SR-HL1 Holder; 30mm / 1.2" Focal Distance; S/N 48A4931CODA5	
1017G	Allen Bradley PanelView Plus 7 HMI Operator Panel; Cat. 2711P-T15C22D9P; S/N 300757095	
1017H	Thyssenkrupp Main Control Panel and Network Switch for OP350 Station; 120VAC 1~ Line, 24V Control at Panel (Rittal Enclosure); Hirschmann Octopus OS20 IP67 Ethernet Switch	
1017I	Festo Pneumatic Supply Valves; -Festo MS6 Filter/Regular Supply Valves for Main Air Supply -Festo VSVA-B-B52 Solenoid Valve	
1018	Thyssenkrupp Cell OP370 - Auto Pack In Enclosure Lid and Rundown - ENTIRETY [Lots 18A-18N]; Includes: -(2) Kawasaki BX200L-C Robots -Kawasaki RS0204612 Robot -Rexroth SB356 Tightening System and Drivers for Nutrunner, Grippers -(3) Lucid Cameras and Lighting -Hovair Dunnage Conveyors -(7) Allen Bradley Guard Master Motor Controls -IFSYS M6x21 Screw Feeder -Banner Light Curtains -Thyssenkrupp Assembly Fixtures -Allen Bradley HMI -Thyssenkrupp Power Distribution Panel and Controls -Festo Valve Manifold w/ Solenoid Modules -Hirschmann Octopus OS20 IP67 Network Switch	
1018A	2022 Kawasaki BX200L-C 6 Axis Robot; Hours: 14935; Servo On Hours: 2900 (All Idle); All Hours Idle, Never Used for Production; 200kg Payload; Tooling for Material Handling XALT Battery Packs Included (Vision System NOT Included); S/N BX200015313; Cubic-S #E02G-A001 Controller; Input: 200-220VAC 60Hz, 30A, 3~; S/N BX200015313; Pendant S/N: T30060363 BL	
1018B	2022 Kawasaki BX200L-C 6 Axis Robot; Hours: 14913; Servo On Hours: 4045 (All Idle); All Hours Idle, Never Used for Production; 200kg Payload; Rexroth Tightening System NOT Included; S/N BX200015314; Cubic-S #E02G-A001 Controller; Input: 200-220VAC 60Hz, 30A, 3~; S/N BX200015314; Pendant S/N: T30060394 BL	
1018C	Rexroth SB356 Automated Tightening System Controller, (2) Rexroth Drivers - EC303 Servos, 3DMC060 Transducers, 3GE27 Gearboxes, Screw Gripping Heads; Rexroth Power Supply SB356 W/ (6) Modules (3) Rexroth LTS350, (2) SE352, and (1) Rexroth KE350	
1018D	2022 Kawasaki RS0204612 6 Axis Robot; Hours: 5218; Servo On Hours: 1826 (All Idle); All Hours Idle, Never Used for Production; 20kg Payload; Vision System NOT Included; Rexroth Tightening System NOT Included; S/N RS0204612; Cubic-S #E02G-A002 Controller; Input: 200-220VAC 60Hz, 30A, 3~; S/N BX200015313; Pendant S/N: T30059872 BL	
1018E	Rexroth SB356 Automated Tightening Nutrunner - Rexroth EC303 S23 Servo, 3DMC060 Transducer, 3GE27 Gearbox; Controller NOT Included	
1018F	Lucid Vision System - (3) TRIO505-MC Cameras, Moritex/Fujinon Lenses, Lighting; NO CONTROLLER, (3) Lucid TRIO505-MC Cameras, (2) Moritex 25mm Lens, (1) Fujinon 50mm Lens, (5) Smart Vision Lights	
1018G	(2) Hovair Automotive Loading and Unloading Dunnage Conveyors ; 15'x8' Conveyors; Powered by (7) Baldor 0.75HP Motors and Controlled by Allen Bradley Guard Master Drives (NOT Included)	
1018H	(7) Allen Bradley Guard Master Safety Motor Control Modules; (7) AB 281GS-F12S-10A-RRG-22 Armor Start Safety Control Modules w/ 280GS-FN-10-RG-22 Network Safety Bases	
1018I	(4) Banner EZ-Screen Safety Light Curtains; 2' Curtains	
1018J	2023 IFSYS Feeding System for M6x21 Screws; 480V 60Hz, 3~ 4.5bar Pressure; IFSYS FC2000 Feeder Vibration Controls; Festo VTSA-FB Valve Manifold w/ (4) VSVA-B-B52-ZD-A1-1T1L Solenoid Valve Modules, (2) VSVA-B-M52-AZD-A1-1T1L Automatic Solenoid Control Valve Modules	
1018K	Thyssenkrupp Custom XALT Pack Assemblies; Ground Block Assembly: (6) Destaco 8PW Toggle Clamp Actuators, X-Frame Table w/ Festo DFSP-32-15-F-PA Shot Pin Cylinder, X-Frame Assembly w/ Keyence SR-2000 Code Reader, Sensor Assembly for Gripper System Status	

1018L	Allen Bradley PanelView Plus 7 HMI Operator Panel; Cat. 2711P-T15C22D9P; S/N 300757088	
1018M		
1018N	Festo Pneumatic Valve Manifold and Hirschman Octopus OS20 Network Switch for OP370; -Hirshmann IP67 Ethernet Switch -Festo 24V Manifold w/ (3) #VSVA-B-B52-ZD-A1-1T1L Solenoid Valves -Festo MS6 Filter/Regular Supply Valves for Main /Robot Air Supply	
1019	Thyssenkrupp Cell OP380 - Final Leak Test / Electrical Test- ENTIRETY [Lots 19A-19E]; Includes: -Pfeiffer IPE2 Leak Detection System -Cincinnati Industrial Electrical Testing System -Allen Bradley HMI -Thyssenkrupp Power Distribution Panel and Controls -Festo Air Supply Valve Manifolds and Hirshmann Network Switch	
1019A	2023 Pfeiffer Vacuum IPE2 Leak Tester w/ Battery Pack, Controls/Display, and Tooling for XALT Battery Packs; Pfeiffer US240133 Battery Pack; THK07 LeakDAS Software; Pfeiffer US240133 Controls/Display; Tooling for XALT Battery Backs Included	
1019B	Cincinnati Test Systems Battery Electrical Testing Station CTS SERIAL# CU175696M1; Custom Slide Tooling for Testing XALT Battery Packs Included; 120VAC 60Hz, 10A, 1~ Supply	
1019C	Allen Bradley PanelView Plus 7 HMI Operator Panel; Cat. 2711P-T15C22D9P; S/N 300790608	
1019D		
1019E	Festo Pneumatic Valve Manifolds and Hirschman Octopus OS20 Network Switch for OP370; -Hirshmann IP67 Ethernet Switch -Festo 24V Manifold w/ (1) #VSVA-B-B52-ZD-A1-1T1L Solenoid Valve, (5) #VSVA-B-P53U-ZD-A1-1T1L Valve Modules, (3) #VSVA-B-T32C-AZD-A1-1T1L Valve Modules -Festo 24V Manifold w/ (1) #VSVA-B-B52-ZD-A1-1T1L Solenoid Valve, (5) #VSVA-B-P53U-ZD-A1-1T1L Valve Modules, (3) #VSVA-B-T32C-AZD-A1-1T1L Valve Modules -Festo MS6 Filter/Regular Supply Valves for Main/Robot Air Supply	
1020	Thyssenkrupp Cell OP390 - Install and Rundown Diavent / Print Labels - ENTIRETY [Lots 20A-20E]; Includes: -Rexroth Handheld Nutrunner -Keyence Barcode Scanner -3 Zebra Label Printers -Allen Bradley HMI -Power Control Panel / Network Switch	
1020A	Bosch Rexroth ESM025SD-G Handheld Nutrunner and CS351 Controller; -Rexroth ESM025SD-G Handheld Nutrunner: M=25N -Rexroth CS351 Compact Controller	
1020B	Keyence SR-G100 Barcode Scanner and SR-HL1 Holder; 30mm/1.2" Focal Distance; S/N 48A4931C0ECC	
1020C	(3) Zebra ZT231 Label Printers; Prints (up to) 4" Labels	
1020D	Allen Bradley PanelView Plus 7 HMI Operator Panel; Cat. 2711P-T15C22D9P; S/N 300790514	
1020E	Thyssenkrupp Main Control Panel and Network Switch for OP390 Station; 120VAC 1~ Line, 24V Control at Panel (Rittal Enclosure); Hirschmann Octopus OS20 IP67 Ethernet Switch	
1021	Keyence VHX Digital Microscope ; Keyence VHX Digital Microscope Model: VHX-S550E Serial: AB410227 W/ Keyence VHX Digital Microscope Model: VHX-5000 Serial: 504112022 Keyence Control, Keyence VHX Digital Microscope Multiscan Model: VH-Z20R RZx20x200 And Keyence VHX Digital Microscope Multiscan Model: VH-Z250R RZx250x2500 W/ Table	
1022	MAHR Marsurf CM select Optical 3D Measurement System; The MAHR MarSurf CM select Optical 3D Measurement System Part No. 6350007 Serial: 700302 W/ (5) Mahr lens (1) 160 S 100x/0.9/Wd=1, (1) 320 S 50x/0.8/Wd=1, (1) 800 XS 20x/0.6 /Wd=1, (1) 1600 S 10x/0.3/Wd=11 (1) 800L 20x/0.4/Wd=12 W/ 2021 Bilz Vibration-Isolation Laboratory Table W/ BiAir Model: Labortisch LTH 90-75 Serial: P21-00664 is a powerful, configurable confocal microscope for non-contact, three-dimensional measurement and analysis of surfaces, designed for high-resolution 3D surface topography in both laboratory and production environments. It is a modular system that can be tailored to specific application requirements.	
1023	Granite tabletop and stand; granite surface plates, which provide a highly stable and flat reference plane for precision measurement. Size- 3' wide x 2' deep x 4" thick. Steel stand included.	
1024	IPG Photonics Multi Axis Welding Laser Machine; 2020 IPG Photonics Multi Axis Welding Laser Machine Model: SYSMA0000000032U Serial: PD149838 Supply: 480VAC Phase: 3 Phase Frequency: 60HZ W/ 2012 IPG Ytterbium Laser System Model: YLS-3000-S4T Serial: 12088450 Rat.Voltage: 400-460V Frequency: 50/60Hz 2012 IPG Laser Chiller Model: LC 170.01-A.3.6 Serial: 120820-53-6 And 2012 Manx Control Station Model: Central Laser Source Serial: 632003	
1025	WEN milling machine ; The WEN 33013 4.5A Variable Speed Compact Benchtop Metal Milling Machine is a popular and versatile tool for hobbyists and machinists. single-phase benchtop milling machine with an R8 spindle taper, designed for creating flat surfaces, holes, angled edges, and more in metal, wood, and plastic. Motor: 4.5 Amps, 0.75 HP. Speed: Variable speed from 100 to 2,500 RPM. Table Size: 18-1/8 x 4-3/4 inches. Travel: 11-13/16 inches (X-axis), 5-1/8 inches (Y-axis), 7 inches (Z-axis)	
1026	Gorbel 1/2 ton crane; Gorbel 1/2 ton crane combined with a Harrington lift creates a robust and reliable lifting system for industrial use.	
1027	Instron pull tester; The Instron 5966 is a dual-column tabletop universal testing machine designed for performing a variety of mechanical tests, including tensile, compression, bend, and peel tests, with a maximum force capacity of 10 kN. This unit comes with an advantech HMI for easy user friendly dashboard. Size- 28" deep x 30" wide x 64" tall. *table is included in this lot*	

1028	Pace technologies fume hood; Pace Technologies manufactures full-size, ducted laboratory fume hoods designed to limit exposure to hazardous fumes in a lab setting. High air exhaust airflow. Multiple air and gas supply lines with programmable control. Easy-to-use controller with timer functions. LED lighting. Air Flow: 1175-1470 cfm Overall Dimensions: (WxDxH) 47.2 x 32 x 118 inches (1200 x 810 x 3000 mm) Chamber Dimensions: (WxDxH) 36 x 24 x 44 inches (914 x 610 x 1118 mm) Sound Level: 65 dBA Weight: 585 lbs (266 kg)	
1029	Pace technologies polished WITH polishing head AND recirculating tank; The Pace Technologies NANO-1000S is a single-wheel manual or semi-automatic metallographic grinder/polisher used for preparing material samples for microscopic analysis in quality control labs. It is built with a robust aluminum and stainless steel construction and is compatible with both 8-inch and 10-inch diameter working wheels. The Pace Technologies FEMTO-1100S is an individual force automatic polishing head that converts a manual NANO-series grinder/polisher (like the NANO-1000S or NANO-2000S) into a semi-automated system for metallographic sample preparation. The Pace Technologies RC-1000A is a compact, portable recirculating filter system (tank) designed for use with Pace's NANO series manual metallographic grinder/polishers. It effectively filters and removes polishing swarf and abrasives from the water, eliminating the need for a direct drain line.	
1030	Pace technologies metallographic press; The Pace Technologies Terapress TP-7100S is an automatic, programmable pneumatic compression mounting press used for consistent and reproducible metallographic sample preparation in quality control labs. Control Touch screen Mount Sizes 1, 1.25, 1.5, and 2-inch (25-50 mm) Force Pneumatic (max. 95 psi incoming pressure) Max. Temperature 392°F (200°C)	
1031	Pace technologies abrasive cutter; The Pace Technologies MEGA-T300S is a robust, manual abrasive cut-off machine designed for metallographic sample preparation, using a 12-inch (305 mm) blade to section materials like aluminum and hardened steels with precision. Cut-off Blade Size: 12-inch (305 mm) Operation Manual (Wheel and Table Feed) Motor Power: 4.5 kW (5.8 hp) - 8 kW (10.6 hp) Motor Speed Variable: (1500-3500 rpm)	
1032	Shunk ultrasonic welding head; SCHUNK BW20 (Ultrasonic Welding Head) It is designed for welding new requirements in batteries, specifically capable of welding up to 150 foils at both the anode and cathode. The system supports combinations of both aluminum and copper materials. This unit is crated and weighs in at approximately 1,040 lbs.	
1033	Shunk ultrasonic welding head; SCHUNK BW20 (Ultrasonic Welding Head) It is designed for welding new requirements in batteries, specifically capable of welding up to 150 foils at both the anode and cathode. The system supports combinations of both aluminum and copper materials. This unit is crated and weighs in at approximately 1,040 lbs.	
1034	Miscellaneous wire, electronic and hardware rack; This lot contains a variety of cable and wire in many sizes. It also contains a drawer with resistors, transistors, screws, solder less terminals, diodes and other parts. *Aluminum rack on casters is included*	
1035	AEMC Instruments Model 6292 Micro-Ohmmeter ; 5–200A True DC, 0.1μΩ Resolution, 0.1μΩ–1Ω Range, ±1% Accuracy, 4Terminal Kelvin, Programmable 5–120s Test, CAT IV 50V; With Cables, S/n: 100003PATH	
1035A	AEMC Instruments Model 6292 Micro-Ohmmeter ; 5–200A True DC, 0.1μΩ Resolution, 0.1μΩ–1Ω Range, ±1% Accuracy, 4Terminal Kelvin, Programmable 5–120s Test, CAT IV 50V; With Cables, S/n: 100003PATH	
1036	Base for Branson 2000Xdt/aed	
1037	Branson 2000bdc HighPower Digital Ultrasonic Welder Power Supply; Input: 480V, 3-Phase, Output: 5500W, MFG: 2023, S/n: CGC23014755D	
1038	Branson 2000bdc HighPower Digital Ultrasonic Welder Power Supply; Input: 480V, 3-Phase, Output: 5500W, MFG: 2023, S/n: CGC23028722D	
1039	Branson MTS-20 Actuator With VersaGraphix Universal Controller ; Model: MTS-20, EDP No. G7A00000-01, Input: 20kHz, S/n: CJV16056720 Branson VersaGraphix Model VGX USX/EX 20:4.0, Input:240V,1-Phase, Max Power: 4000w, S/n: CLL16031679	
1040	Branson VersaGraphix Universal Controller; Branson VersaGraphix Model VGX USX/EX 20:4.0, Input:240V,1-Phase, Max Power: 4000w, S/n: CLF15049749	
1041	Branson VersaGraphix Universal Controller; Branson VersaGraphix Model VGX USX/EX 20:4.0, Input:240V,1-Phase, Max Power: 4000w, S/n: CLY23012775D	
1042	Branson VersaGraphix Universal Controller; Branson VersaGraphix Model VGX USX/EX 20:4.0, Input:240V,1-Phase, Max Power: 4000w, S/n: CEW11090942	
1043	Planar 14" monitor ; PT15	
1044	Mitsubishi GOT1000 Graphics Operational Terminal ; Model: GT1695M-XTBD, Input: 24VDC, S/N: D800111329XK00036-B	
1045	Keyence XG-7002 MultiCamera Imaging System/Controller ; Keyence XG-7002 Console with Keyence XG-035M Camera and Cables	
1046	Agilent data switch; The Agilent 34970A Data Acquisition/Switch Unit is a 3-slot mainframe featuring a built-in 6.5-digit digital multimeter (DMM), designed for versatile data logging and automated test applications. Measurement Functions: Measures 11 different input signals, including temperature (thermocouples, RTDs, thermistors), AC/DC volts, 2- and 4-wire resistance, frequency/period, and AC/DC current, without needing external signal conditioning. Channel Capacity: Three module slots that support up to 96 matrix crosspoints or 120 single-ended channels depending on the plug-in cards used. Scan Rates: Up to 250 channels per second.	

1047	Agilent milliohmmeter ; The Agilent 4338B Milliohmmeter is a precise, high-speed test tool designed for accurate, low-resistance measurements using a 1 kHz AC test signal. Measurement Range: 10 $\mu\Omega$ to 100 k Ω . Basic Accuracy: 0.4%. Test Frequency: Fixed at 1 kHz. Test Current Levels: Selectable from 1 μ A to 10 mA (RMS current), allowing testing under various operating conditions. Measurement Speed: High-speed measurement of 34 ms (typical). Resolution: 10 $\mu\Omega$ resolution. Interfaces: Features a built-in GPIB and handler interface for automated system integration.	
1048	Keithley system switch/multimeter; The Keithley 3706A is a six-slot system switch mainframe with an integrated high-performance 7.5-digit digital multimeter (DMM), designed for automated, high-channel-count test and data acquisition applications. Slots: Six slots for plug-in switch and control cards. Multimeter Resolution: 7.5 digits. Reading Rate: Capable of over 14,000 readings per second to memory at 3.5-digit resolution. Channel Capacity: Supports up to 576 two-wire multiplexer channels or 2,688 one-pole matrix crosspoints in a single mainframe, depending on the plug-in cards used. Interfaces: Features LXI/Ethernet, GPIB, and USB for flexible remote PC control.	
1049	Keithley nanovoltmeter ; The Keithley 2182A Dual-Channel Ultra-Low Voltage Nanovoltmeter is a high-precision benchtop digital multimeter optimized for making stable, low-noise voltage and resistance measurements in demanding scientific and metrology applications. Channels: Dual-channel input. DC Voltage Range: 1 nV sensitivity with ranges up to 100 V. Resolution: 7.5 digits. Noise Performance: Typically just 15 nV p-p noise at a 1-second response time, ensuring highly stable measurements. Connectivity: GPIB and RS-232 interfaces built-in for remote control and data acquisition.	
1050	Keithley current source ; The Keithley 6221 Low Noise Precision AC/DC Current Source is a high-accuracy instrument for demanding test environments like semiconductor and nanotechnology research, featuring exceptionally low current noise and both AC and DC current sourcing capabilities. It also includes a built-in arbitrary waveform generator. Current Range (DC): 100 fA to 105 mA Current Range (AC): 4 pA to 210 mA peak-to-peak Output Impedance: $>10^{14}$ Ω (on the 2 nA and 20 nA ranges), ensuring stable current sourcing into variable loads Output Power: 11 W maximum, four-quadrant source or sink operation Voltage Compliance: 0.1 V to 105 V in 10 mV programmable steps Interfaces: Built-in RS-232, GPIB, Trigger Link, and Ethernet for remote control	
1051	screw terminal block; The Tektronix Keithley 3720-ST is a screw terminal block accessory used with the Keithley Model 3720 dual 1x30 multiplexer card, primarily for test and measurement applications involving temperature. There are (2) in this lot.	
1052	Fluke 8808A multimeter; The Fluke 8808A is a 5.5-digit resolution benchtop digital multimeter (DMM) known for its precision, ease of use with dedicated setup buttons, and ability to perform "Pass/Fail" testing in manufacturing and service applications. Includes an RS-232 interface, with an optional adapter for USB connectivity.	
1053	Fluke data unit; The Fluke NetDAQ 2640A/41A is a high-accuracy, 20-channel networked data acquisition (DAQ) unit used for small-to-medium sized equipment monitoring, product testing, and process validation applications. unit features 20 analog input channels, 10 computed channels, and 8 digital I/O and alarm outputs.	
1054	Hipot tester; The Chroma 19052 is a 3-in-1 programmable electrical safety tester (hipot tester) that combines AC withstand voltage (ACW), DC withstand voltage (DCW), and insulation resistance (IR) measurements into a single unit, designed for production lines and R&D labs. Includes a standard RS-232 interface, with optional GPIB/LAN interfaces for remote control and integration into automated test systems.	
1055	Battery insulation tester; The Hioki BT525 Battery Insulation Tester is a specialized, high-speed testing instrument used on battery production lines to detect minuscule insulation defects in lithium-ion (LIB) cells that could lead to fire or longevity issues. Equipped with USB, LAN, RS-232C, and EXT. I/O interfaces for easy system integration and automation.	
1056	Hioki 3560 ; The Hioki 3560 AC m Ω HiTester is a high-speed, high-resolution desktop meter for measuring low resistance, primarily designed for battery inspection lines and contact resistance measurements using the AC 4-terminal method. Highly suitable for battery inspection lines (simultaneous measurement of internal resistance and open-circuit voltage), and for measuring contact resistance of various components.	
1057	SCI hipot tester; The SCI 290 series Hipot Testers are rugged, lightweight electrical safety compliance testers (hipot, IR, ground continuity) known for their ease of use.	
1058	Extech DC power supply; The Extech 382270 is a versatile, benchtop quad output DC power supply that consolidates four power sources into one unit, ideal for testing devices that require multiple voltage levels simultaneously. Multiple Outputs: The unit offers four total outputs: Two adjustable 0 to 30V / 0 to 5A outputs. One fixed 3 to 6.5V / 3A auxiliary output. One fixed 8 to 15V / 1A auxiliary output. Flexible Configuration: The two primary 30V outputs can be combined in series for up to 60V or in parallel for up to 10A, providing excellent versatility for various power requirements.	
1059	TDK-Lambda DC power supply ; The TDK-Lambda GEN10-240 is a single-channel, programmable DC power supply belonging to the high-density Genesys series, designed for industrial, OEM, and laboratory applications. It delivers a maximum output of 10V DC at 240A. High Power Density: Delivers 2.4 kW of power in a compact 1U (1.72 inches high) rack-mount or benchtop package. Flexible AC Input: Available in single-phase (1P230) and three-phase (3P208) AC input versions. Control Interfaces: Includes built-in RS-232/RS-485 interfaces as standard for remote control, with optional LAN (LXI compliant), USB, and GPIB interfaces also available. Constant Voltage/Current: Features automatic crossover between Constant Voltage (CV) and Constant Current (CC) operation modes.	
1060	BK Precision DC switching power supply; The BK Precision 1696 is a 200-watt programmable DC switching power supply, which is followed by the updated BK Precision 1696B. It is designed for R&D, production testing, and educational environments. Output Ratings: Provides an adjustable voltage output of 1 V to 20 V DC and a current range of 0 to 10 A. Total Power: Maximum output power of 200 W. Operation Modes: Features automatic constant voltage (CV) and constant current (CC) crossover operation. Display: A large, backlit LCD simultaneously displays voltage, current, and power measurements.	
1061	DC power supply; The Mastech HY1503D is a laboratory-grade, regulated linear DC power supply designed for highly stable performance in testing, manufacturing, and educational environments. Output Range: Provides continuously adjustable output from 0-15V DC and 0-3A. Regulation Mode: Operates as both a Constant Voltage (CV) and Constant Current (CC) source. Display: Features two bright LED (or sometimes LCD) displays for real-time voltage and current monitoring. Controls: Equipped with coarse and fine tuning potentiometers for precise adjustment of both parameters.	

1062	Air Track scanner; The AirTrack S1 is a cost-effective, durable, handheld linear imager designed for everyday scanning in environments like retail, light manufacturing, and inventory control. Primarily reads linear (1D) barcodes. Features a fast read rate of 400 reads per second. There are (3) scanner kits in this lot.	
1063	Mitutoyo Absolute Height gauge ; The Mitutoyo Absolute HDS-12"CX is a highly popular and reliable 12-inch (300 mm) digital height gauge used for precise measurement and marking in industrial settings. Measurement Range: 0 to 12 inches (0 to 300 mm). Resolution: 0.0005 inches / 0.01 mm. Accuracy (Maximum Permissible Error): ±0.0015 inches / ±0.03 mm. ABSOLUTE (ABS) Linear Encoder: This feature eliminates the need to set the origin point every time the device is powered on, preventing overspeed errors and improving reliability. Display: Features a large, easy-to-read LCD display with 0.47-inch (12 mm) high characters.	
1064	AmScope microscope ; The AmScope MU-500 is a 5MP digital microscope camera used to capture images and stream live video on a computer by attaching to existing microscopes. The camera captures still images and streams live video at 5.0MP (2592x1944 pixels) resolution. *slide is broken, see picture*	
1065	Hako FX-300; This is an analog solder pot made by Hakko, used for tinning component leads and dipping small parts in molten solder, particularly compatible with lead-free solders. Comes with multiple implements including FX-951 (soldering station) solder, paste flux and FG-100 (Soldering Iron Tip Thermometer)	
1066	Aoyue repairing system ; The Aoyue Int 968A (more commonly found as the upgraded 968A+ model) is an all-in-one digital rework station that combines a hot air gun, a soldering iron, a smoke absorber, and a vacuum pickup tool in a single ESD-safe unit.	
1067	Agilent waveform generator ; The Agilent 33500B series are advanced waveform generators that use Trueform signal-generation technology to provide high-fidelity signals with low distortion and jitter for demanding measurements. Includes built-in LAN (LXI-C), USB, and GPIB interfaces for easy PC or network integration.	
1068	Tektronix dual-channel function generator ; The AFG3022B is a dual-channel function generator used to create and output a variety of precise electrical waveforms for testing electronic devices. Frequency Range: Up to 25 MHz for sine waves. Channels: Dual independent output channels. Waveforms: Generates standard waveforms (sine, square, ramp, pulse, noise, DC) and arbitrary waveforms up to 128 k points in length. Sample Rate: 250 MS/s. Connectivity: Includes USB, GPIB, and LAN interfaces for remote control and data transfer.	
1069	Fluke electrical meter; The Fluke 87 meter is the industry standard for industrial digital multimeters, known for its accuracy, ruggedness, and advanced troubleshooting features like True-RMS AC measurements and a low-pass filter for working with variable frequency drives (VFDs). Features a large, backlit digital display with a 6,000-count resolution. Comes with + - leads.	
1070	Fluke electrical meter; The Fluke 87 meter is the industry standard for industrial digital multimeters, known for its accuracy, ruggedness, and advanced troubleshooting features like True-RMS AC measurements and a low-pass filter for working with variable frequency drives (VFDs). Features a large, backlit digital display with a 6,000-count resolution. Comes with soft carry case and + - leads.	
1071	Hakko FM-203 DualPort Soldering/Rework Station; Includes: Hakko FM-203 120V 140w, (1) Hakko Parallel Remover Fm-2022, (2) Hakko Fm-2027, Replacement Irons, (3) Stands	
1072	Fisher scientific ultrasonic cleaner; The Fisher Scientific FS30D Ultrasonic Cleaner is a 1-gallon (3.7 L) capacity heated ultrasonic bath with a mechanical timer, primarily used in laboratory settings for effective cleaning of delicate components, glassware, or heavy oils via cavitation. Tank Capacity: 1 gallon (3.7 L). Operating Frequency: 42 kHz ±6%, utilizing durable industrial-style transducers to ensure uniform cleaning activity (sweep frequency). Ultrasonic Power: 130W. Heater Power: 109W, with fluid temperature not recommended to exceed 70°C (160°F). Tank Dimensions (L x W x D): 9.5 x 5.5 x 6 inches. Control Interface: The "D" in the model name indicates a digital timer, though some listings mention a mechanical timer. Construction: Stainless steel tank designed to resist corrosion.	
1073	480v to 380v Power Transformer ; SG-5kva 3-Phase, Input: 480VAC, Output: 380VAC, Date: 2019, No.: LL-GLAD1928	
1074	Purcel Steel Multi-Drawer Tool Cart; Dual Side Access Storage with Muilt-Drawer Organizer, Overall Dimensions: 48"x28"x39.5 (LxWxH)	
1075	Husky Multi-Drawer Organizer; Overall Dimensions: 46"x18"x37" (LxWxH)	
1076	US General Roll Cart And Top Chest ; US General 8 Drawer Roll Cart And US General8 Drawer Top Chest	
1077	Kennedy Tool Chest	
1078	ULINE Lift Table ; ULINE 770lbs Lift Table H-1784	
1079	Symbiote ESD Workbench Station; Includes Table with Symbiote ESD Work Surface Laminate, 120v WorkLight, Power Strip, Overall Dimensions: 72"x36"x80" (LxWxH); Note: Excludes Contents	
1080	BenchPro Workbench Station ; Includes Table, Worklight, and Power Strip, Overall Dimensions: 60"x30"x80" (LxWxH); Note: Excludes Contents	
1081	Work bench ; This lot contains a steel workbench with wood top, drawers, overhead light and 120vac power strip. Measurements for bench- 30" deep x 5' wide x 30" tall. The overhead light extension is a total of 47" tall, it can be removed if desired. * excludes contents on bench*	
1082	Work bench/desk; This Bench has a Formica top, steel structure, (2) drawers and peg board backer. Measuring at 30" deep x 4' wide x 3' tall. *desk/bench only*	

1083	Steel work bench; Steel work bench. Brand- Global Industrial Size- 5' L x 3' T x 30" D This bench has adjustable legs and cutouts for receptical install. *Workbench only*	
1084	Steel work bench; Steel work bench. Brand- Global Industrial Size- 5' L x 3' T x 30" D This bench has adjustable legs and cutouts for receptical install. *Workbench only*	
1085	Steel work bench; Steel work bench. Brand- Global Industrial Size- 5' L x 3' T x 30" D This bench has adjustable legs and cutouts for receptical install. *Workbench only*	
1086	Work bench's with cabinets and drawers ; This lot contains (2) pieces. Both are steel frame and body work benches with a Formica top. Measurements for Bench 1- 3' deep x 38 3/4" wide x 33 1/2" tall. Measurements for bench 2- 29 1/4" deep x 78 3/4" long x 33 1/2" tall. * Work benches only*	
1087	Mobile Lab Workbench 60" x 30" x 35"	
1088	Mobile Lab Workbench 60" x 30" x 35"	
1089	(2) Brandon Ultraweld L20 (for parts)	
1090	Mobile Lab Workbench 48" x 24" x 36"	
1091	Chemical Storage Cabinet	
1092	Vevor 12" Hand Shear; Vevor 12" Hand Shear Model: HS-5/8/12	
1093	Hozan PCB Cutter K-110	
1094	Arbor Press	
1095	Precision Cutter	
1096	(3) 2 Door Storage Cabinet W/ Content	
1097	(3) Wire Shelf Mobile Rack (No Content)	
1098	Speedaire Air Hose Reel	
1099	CAN/LIN interface; The Vector VN1630A is a flexible USB-based network interface module designed for high-speed access and communication with automotive and industrial networks such as CAN, CAN FD, LIN, J1708, and K-Line. This lot includes work station cart, HP laptop, HP monitor and other devices pictured on work cart.	
1100	(3) Crimpers	
1101	Dow Kokam MACCOR Series 4000 Battery Tester ; Dow Kokam MACCOR Series 4000 Battery Tester ; 16 Channels [Max 6A, 6V]; 16 Thermocouple Inputs; S/N A110815, Computer and Monitor Included [Unit #: 4] (2) Extra Maccor Power Supplies	
1102	Dow Kokam MACCOR Series 4000 Battery Tester ; Dow Kokam MACCOR Series 4000 Battery Tester ; 16 Channels [Max 6A, 6V]; 16 Thermocouple Inputs; S/N A110811, Computer and Monitor Included [Unit #: 5]	
1103	Dow Kokam MACCOR Series 4000 Battery Tester ; Dow Kokam MACCOR Series 4000 Battery Tester ; 16 Channels [Max 6A, 6V]; 16 Thermocouple Inputs; S/N A110814 Computer and Monitor Included [Unit #: 6]	
1104	Dow Kokam MACCOR Series 4000 Battery Tester ; Dow Kokam MACCOR Series 4000 Battery Tester ; 16 Channels [Max 6A, 6V]; 16 Thermocouple Inputs; S/N A110818, Computer and Monitor Included [Unit #: 7]	
1105	Dow Kokam MACCOR Series 4000 Battery Tester ; Dow Kokam MACCOR Series 4000 Battery Tester ; 16 Channels [Max 6A, 6V]; 16 Thermocouple Inputs; S/N A110819, Computer and Monitor Included [Unit #: 8]	
1106	Dow Kokam MACCOR Series 4000 Battery Tester ; Dow Kokam MACCOR Series 4000 Battery Tester ; 16 Channels [Max 6A, 6V]; 16 Thermocouple Inputs; S/N A110817, Computer and Monitor Included [Unit #: 9]	
1107	Dow Kokam MACCOR Series 4000 Battery Tester ; Dow Kokam MACCOR Series 4000 Battery Tester ; 16 Channels [Max 6A, 6V]; 16 Thermocouple Inputs; S/N A110810, Computer and Monitor Included [Unit #: 10]	
1108	Dow Kokam MACCOR Series 4000 Battery Tester ; Dow Kokam MACCOR Series 4000 Battery Tester ; 16 Channels [Max 6A, 6V]; 16 Thermocouple Inputs; S/N A110813, Computer and Monitor Included [Unit #: 11]	
1109	Dow Kokam MACCOR Series 4000 Battery Tester ; Dow Kokam MACCOR Series 4000 Battery Tester ; 16 Channels [Max 6A, 6V]; 16 Thermocouple Inputs; S/N A110812, Computer and Monitor Included [Unit #: 12]	

1110	Dow Kokam MACCOR Series 4000 Battery Tester ; Dow Kokam MACCOR Series 4000 Battery Tester ; 4 Channels [Max 6A, 6V]; 16 Thermocouple Inputs; S/N A110822 Computer and Monitor Included [Unit #: 3]	
1111	Dow Kokam MACCOR Series 4000 Battery Tester ; Dow Kokam MACCOR Series 4000 Battery Tester ; 4 Channels [Max 6A, 6V]; 16 Thermocouple Inputs; S/N A110820 Computer and Monitor Included [Unit #: 2]	
1112	Dow Kokam MACCOR Series 4000 Battery Tester ; Dow Kokam MACCOR Series 4000 Battery Tester ; 16 Channels [Max 6A, 6V]; 16 Thermocouple Inputs; S/N A110821 Computer and Monitor Included [Unit #: 1]	
1113	Dow Kokam MACCOR Series 4000 Battery Tester ; Dow Kokam MACCOR Series 4000 Battery Tester ; 16 Channels [Max 6A, 6V]; 16 Thermocouple Inputs; S/N A110809, Computer and Monitor Included [Unit #: 13]	
1114	Dow Kokam MACCOR Series 4000 Battery Tester ; Dow Kokam MACCOR Series 4000 Battery Tester ; 16 Channels [Max 6A, 6V]; 16 Thermocouple Inputs; S/N A110816, Computer and Monitor Included [Unit #: 14]	
1115	Dow Kokam MACCOR Series 4000H Battery Tester ; Dow Kokam MACCOR Series 4000H Battery Tester ; 16 Channels [Max 6A, 6V]; 16 Thermocouple Inputs; S/N A110815, Computer and Monitor Included [Unit #: 20]	
1116	Dow Kokam MACCOR Series 4000H Battery Tester ; Dow Kokam MACCOR Series 4000H Battery Tester ; 16 Channels [Max 6A, 6V]; 16 Thermocouple Inputs; S/N A190311 Computer and Monitor Included [Unit #: 15]	
1117	Dow Kokam MACCOR Series 4000H Battery Tester ; Dow Kokam MACCOR Series 4000H Battery Tester ; 16 Channels [Max 6A, 6V]; 16 Thermocouple Inputs; S/N A190312 Computer and Monitor Included [Unit #: 16]	
1118	Dow Kokam MACCOR Series 4000H Battery Tester ; Dow Kokam MACCOR Series 4000H Battery Tester ; 16 Channels [Max 6A, 6V]; 16 Thermocouple Inputs; S/N A110815, Computer and Monitor Included [Unit #: 17]	
1119	Dow Kokam MACCOR Series 4000H Battery Tester ; Dow Kokam MACCOR Series 4000H Battery Tester ; 16 Channels [Max 6A, 6V]; 16 Thermocouple Inputs; S/N A190308, Computer and Monitor Included [Unit #: 18]	
1120	Dow Kokam MACCOR Series 4000H Battery Tester ; Dow Kokam MACCOR Series 4000H Battery Tester ; 16 Channels [Max 6A, 6V]; 16 Thermocouple Inputs; S/N A190309, Computer and Monitor Included [Unit #: 19]	
1121	Dow Kokam MACCOR Series 4000 Battery Tester ; Dow Kokam MACCOR Series 4000 Battery Tester ; 48 Channels [Max 6A, 6V]; 48 Thermocouple Inputs; S/N A110823 Computer and Monitor Included [Maccor #: 17]	
1122	Espec ET31-1NA Environmental Chamber 16; MFG:Espec , MODEL: ET31-1NA, SERIAL:4041555A 460V , 3Phases,with CO2 fire suppression system, temperature range(-30deg.c /+ 85deg.C) programmable upto 40 program	
1123	Espec ET31-1NA Environmental Chamber 17; MFG:Espec , MODEL: ET31-1NA, SERIAL:4041557B 460V , 3Phases,with CO2 fire suppression system, temperature range(-30deg.c /+ 85deg.C) programmable upto 40 program	
1124	Espec ET31-1NA Environmental Chamber 18; MFG:Espec , MODEL: ET31-1NA, SERIAL:4041558 460V , 3Phases,with CO2 fire suppression system, temperature range(-30deg.c /+ 85deg.C) programmable up to 40 program	
1125	Espec ET31-1NA Environmental Chamber 19; MFG:Espec , MODEL: ET31-1NA, SERIAL:4041555B 460V , 3Phases,with CO2 fire suppression system, temperature range(-30deg.c /+ 85deg.C) programmable upto 40 program	
1126	Espec ET31-1NA Environmental Chamber 15; MFG:Espec , MODEL: ET31-1NA, SERIAL:4041555B 460V , 3Phases,with CO2 fire suppression system, temperature range(-30deg.c /+ 85deg.C) programmable upto 40 program	
1127	Espec ET31-CCA Environmental Chamber 13; MFG:Espec , MODEL: ET31-CCA, SERIAL:4012350H - 460V , 3Phases,with CO2 fire suppression system, temperature range(-5deg.c/ +75deg.C), programmable upto 30 program, 32 Cu. Ft,	
1128	Espec ET31-CCA Environmental Chamber 14; MFG:Espec , MODEL: ET31-CCA, SERIAL:4012350I - 460V , 3Phases,with CO2 fire suppression system, temperature range(-5deg.c/ +75deg.C), programmable upto 30 program, 32 Cu. Ft	
1129	Espec ET31-CCA Environmental Chamber 10; MFG:Espec , MODEL: ET31-CCA, SERIAL:4012350C - 460V , 3Phases,with CO2 fire suppression system, temperature range(-5deg.c/ +75deg.C), programmable upto 30 program, 32 Cu. Ft	
1130	Espec ET31-CCA Environmental Chamber 11; MFG:Espec , MODEL: ET31-CCA, SERIAL:4012350G - 460V , 3Phases,with CO2 fire suppression system, temperature, 32 Cu. Ft,	
1131	Espec ET31-CCA Environmental Chamber 12; MFG:Espec , MODEL: ET31-CCA, SERIAL:4012350J - 460V , 3Phases,with CO2 fire suppression system, temperature range(-5deg.c/ +75deg.C), programmable upto 30 program, 32 Cu. Ft	
1132	Espec ET31-CCA Environmental Chamber 7; MFG:Espec , MODEL: ET31-CCA, SERIAL:4012350K - 460V , 3Phases,with CO2 fire suppression system, temperature range(-5deg.c/ +75deg.C), programmable upto 30 program, 32 Cu. Ft	

1133	Espec ET31-CCA Environmental Chamber 8; MFG:Espec , MODEL: ET31-CCA, SERIAL:4012350E - 460V , 3Phases,with CO2 fire suppression system, temperature range(-5deg.c/ +75deg.C), programmable upto 30 program, 32 Cu. Ft In very	
1134	Espec ET31-CCA Environmental Chamber 9; MFG:Espec , MODEL: ET31-CCA, SERIAL:4012350F - 460V , 3Phases,with CO2 fire suppression system, temperatcher range(-5deg.c/ +75deg.C), programmable upto 30 program, 32 Cu. Ft	
1135	Espec ET31-CCA Environmental Chamber 4; MFG:Espec , MODEL: ET31-CCA, SERIAL: 4012350B - 460V , 3Phases,with CO2 fire suppression system, temperatcher range(-5deg.c/ +75deg.C), programmable upto 30 program, 32 Cu. Ft	
1136	Espec ET31-CCA Environmental Chamber 5; MFG:Espec , MODEL: ET31-CCA, SERIAL:4012350D - 460V , 3Phases,with CO2 fire suppression system, temperatcher range(-5deg.c/ +75deg.C), programmable upto 30 program, 32 Cu. ft	
1137	Espec ET31-CCA Environmental Chamber 6; MFG:Espec , MODEL: ET31-CCA, SERIAL:4012350A - 460V , 3Phases,with CO2 fire suppression system, temperatcher range(-5deg.c/ +75deg.C), programmable upto 30 program, 32 Cu. Ft	
1138	Espec ET31-1NA Environmental Chamber 20; MFG:Espec , MODEL: ET31-1NA, SERIAL:4041556A 460V , 3Phases,with CO2 fire suppression system, temperature range(-30deg.c /+ 85deg.C) programmable upto 40 program	
1139	Espec ET31-1NA Environmental Chamber 21; MFG:Espec , MODEL: ET31-1NA, SERIAL: 4041556A 460V , 3Phases,with CO2 fire suppression system, temperature range(-30deg.c /+ 85deg.C) programmable upto 40 program	
1140	Espec ET31-CCA Environmental Chamber 22; MFG:Espec , MODEL: ET31-CCA, SERIAL: 4012341E - 460V , 3Phases,with CO2 fire suppression system, temperature range(-5deg.c/ +75deg.C), programmable upto 30 program, 32 Cu. Ft	
1141	Espec ESZ-4CA Environmental Chamber 3; MFG:Espec , MODEL: ESZ-4CA, SERIAL:0112351C - 460V , 3Phases,with CO2 fire suppression system, temperature range(-5deg.c/ +75deg.C), programmable upto 30 program, 32 Cu. Ft	
1142	Espec ESZ-4CA Environmental Chamber 2; MFG:Espec , MODEL: ESZ-4CA, SERIAL:0112351B - 460V , 3Phases,with CO2 fire suppression system, temperature range(-75deg.c/ +185deg.C), programmable upto 30 program, 32 Cu. Ft	
1143	Espec ESZ-4CA Environmental Chamber 1; MFG:Espec , MODEL: ESZ-4CA, SERIAL:0112351A - 460V , 3Phases,with CO2 fire suppression system, temperature range(-75deg.c/ +185deg.C), programmable upto 30 program, 32 Cu. Ft	
1144	Yamato Oven; Yamato Constant Temperature Oven Model: DKN602 W: BK Precision 150W DC Electronic Load 8540	
1145	Kepeco ; Kepeco Bipolar Operational Powe Supply/ Amplifier Bop 20-20M	
1146	Admiral Instruments ; Admiral Instruments Squidstat Cycle 4 Channel Electrochemical Analysis	
1147	Princeton Applied Research Ametek Parstat Potentiostat Galvanostat EIS Analyzer 4000; Princeton Applied Research Ametek Parstat Potentiostat Galvanostat EIS Analyzer 4000 W/ Computer, Monitor and Cart	
1148	Weller Soldering Iron; Weller Soldering Iron Model: WESD51	
1149	Keysight; Keysight 6 1/2 Digital Multimeter 34465A	
1150	Fluke ; Fluck Documenting Process Calibrator 753	
1151	Omega Calibrator ; Omega Calibrator-Thermometer Model: CL23A K-J-T Thermocouple	
1152	Cell Leak testing W/ Cart; Cell Leak testing W/ Cart	
1153	Cell Test Sample Fixtures; Thermocouple Connects and Alligator Clips	

1154	Fixed pressure cell compression test fixtures.; Fixed pressure cell compression test fixtures. w/ themocuple and alligator clips for voltage sense, current connection is bolt on terminal	
1155	Quantachrome Instruments Autotap Tap Density Analyzer ; Model#: AT-5-110-60 SN#: 11011102402 Power Supply: 110V, 60Hz, 1 Phase, 150VA	
1156	Quantachrome Instruments Autotap Tap Density Analyzer ; Model#: AT-5-110-60 SN#: 11011102401 Power Supply: 110V, 60Hz, 1 Phase, 150VA	
1157	Gravity convection oven; The Yamato DVS 400 gravity convection oven is a laboratory instrument known for its excellent temperature accuracy and user-friendly programmable controls, with applications in drying, sterilization, and heat treatment. This unit comes with the table pictured. Capacity 76.5 L (2.7 cu. ft.) Interior Dimensions (W x D x H) 45 x 43 x 40 cm (17 3/4 x 16 7/8 x 15 3/4 in.) Temperature Range Ambient +5°C to 260°C (Ambient +9°F to 500°F) Temperature Accuracy ±1.0°C (at 260°C) Temperature Uniformity ±3.0°C (at 200°C) Interior Material Type 304 Stainless steel Exterior Material Cold rolled steel plate with melamine resin baking finish Heater Iron-chrome wire heater, 1.2 kW Timer Range 1 min. to 99 hrs. 59 min.	
1158	Granite table; Starrett Grade B surface plates, also known as Toolroom Grade, are precision granite tables designed for general inspection and production checking work on the shop floor. They meet or exceed U.S. Federal Specification GGG-P-463c and ASME B89.3.7 2013 standards for flatness. Measurements- 3' x 3' x 40" tall * table and table top only, this lot does not include any other contents *	
1159	Digital micrometer ; This micrometer is mounted to a plat 12" x 12" pvc plate. A micrometer is a precision measuring tool used in engineering, machining, and quality control to measure small distances, dimensions, or depths with extremely high accuracy, often down to 0.0001 inches (0.0025 mm).	
1159A	Digital micrometer ; This micrometer is mounted to a plat 12" x 12" pvc plate. A micrometer is a precision measuring tool used in engineering, machining, and quality control to measure small distances, dimensions, or depths with extremely high accuracy, often down to 0.0001 inches (0.0025 mm).	
1160	Digital height gauge; The Mitutoyo HDS Digimatic Height Gauge (Series 570) is a standard, easy-to-use digital height measuring instrument known for its high accuracy, rigid construction, and built-in Absolute linear encoder. The HDS series height gauges are designed for reliable and accurate height measurements in manufacturing and quality control environments.	
1161	Mitutoyo ABSOLUTE Digimatic Indicator; The Mitutoyo ID-C112CEX indicator features a low measuring force and utilizes Mitutoyo's patented ABSOLUTE linear encoder technology, which eliminates over-speed errors and the need to reset the origin after power loss.	
1162	Keyence CL-L015 15mm Quad-Type Confocal Laser Displacement sensor, w/ CL-D500 Display Panel; Model#: CL-D500/ CL-L015 SN#: 6T220025 Display Range: 999.999mu to 9999.99mm. Display Cycle: Approx. 10 times/second Series Compatibility: CL-3000 series Type: 15 mm, Quad type. Reference Distance: 15 mm. **Monitor and PC Included**	
1163	Mecmesin MultiTest 2.5i PCControlled Tensile/Compression Test Frame; Accepts ILC loadcells (100N Cell), 590mm, 120V AC; With Dell Computer Control	
1164	Mecmesin MultiTest 2.5d; With Mecmesin AFG 10N Digital Read-Out, 120V; Includes Dell Computer Control	
1165	Mecmesin AFG 1000N Advanced Force Gauge ; Model#: AFG 1000N SN#: 11-0112-09 Capacity & Resolution: 1000N x 0.2N 220lbf x 0.05lbf. Measurement Modes: Captures maximum and first peak force in both tension and compression. Data Acquisition: High-speed sampling 5,000Hz to accurately record break-force readings. Versatility: Supports external smart load cells and torque sensors for wider applications.	
1166	Mecmesin AFG 2.5N Advanced Force Gauge ; Model#: AFG 2.5N SN#: 21-0394-09 Capacity & Accuracy: 2.5 N 250gf, 0.56 lbf capacity with an accuracy of 0.1% of full scale. Measurement Modes: Captures maximum and first peak force in both tension and compression. Data Acquisition: High-speed sampling 5,000Hz to accurately record break-force readings. Versatility: Supports external smart load cells and torque sensors for wider applications	
1167	Mecmesin AFG 10N Advanced Force Gauge; Model#: AFG 10N SN#: 12-0011-04 Capacity: 10N (10N x 0.002N resolution). Measurement Units: Measures in N, kN, kg, g, lb, and oz. Measurement Modes: Captures maximum and first peak force in both tension and compression. Data Acquisition: High-speed sampling 5,000Hz to accurately record break-force readings. Versatility: Supports external smart load cells and torque sensors for wider applications	
1168	Hot dog grill; The Main Event roller (item 30Y-012) is a commercial 9-roller hot dog grill manufactured under the Kratos "MainEvent" brand, designed for use in foodservice environments like concession stands.	
1169	Micro VU video measuring system ; The Micro-Vu Excel 501HC is a sophisticated, high-precision, gantry-style video measuring system (VMS) that also functions as a Coordinate Measuring Machine (CMM), designed for inspecting and measuring complex parts in demanding industrial environments. This lot comes with computer, (2) monitors and desk. Measurement Range (X, Y, Z) 500 x 400 x 160 mm (19.7 x 15.7 x 6.3 inches) Scale Resolution 0.4 µm (microns) Accuracy (XY) ±(2.8 + L/200) µm Software InSpec Metrology Software® (provides point-and-click simplicity, edge detection, and data analysis) Lens System Programmable optical and digital zoom lens (approx. 20x to 370x on-screen magnification) Lighting Programmable profile, surface, and coaxial LED lights with a multi-segment ring light for full control over illumination.	
1170	Microscope ; The AmScope LED-144S is an adjustable, compact 144-LED ring light designed to provide intense, shadow-free illumination for stereo microscopes. It is a durable and popular accessory for a variety of industrial and laboratory applications. Number of LEDs 144 bright white LED bulbs Illumination Intense, focused, and shadow-free Intensity Control Variable intensity adjustment Power Input 100-240V, 50-60Hz, auto-switching Life Expectancy 100,000 hours of life Mounting Size Fits up to 2.4" (61mm) mount rings	

1171	Rheometer ; The Brookfield RST rheometer is a series of advanced, touch-screen laboratory instruments that operate in both controlled shear rate (rpm) and controlled shear stress (torque) modes for comprehensive rheological analysis. Ideal for a wide range of materials from thin solutions (e.0.025 Pa*s) to thick pastes, used in industries like adhesives, pharmaceuticals, food, and coatings. The rheometers can perform tests for viscosity flow curves, yield stress determination, thixotropy calculation, creep behavior, and recovery after flow.	
1172	Compact rheometer ; The Anton Paar MCR 92 is a highly accurate, entry-level Modular Compact rheometer designed for daily laboratory use, featuring a sensitive air-bearing motor for comprehensive rotational and oscillatory measurements. It is particularly suited for analyzing the structure of sensitive samples. Bearing Type Air bearing (frictionless, highly accurate for sensitive samples) Minimum Torque (Rotation/Oscillation) 0.4 µNm (microNewton meters) Maximum Torque 125 mNm Measurement Modes Rotational and oscillatory Temperature Range -50 °C to +400 °C (with various temperature devices) Software RheoCompass™ (step-by-step guidance, adaptable templates)	
1173	Specific gravity meter; The KEM DA-640 is a laboratory-grade, benchtop density/specific gravity meter that uses the oscillating U-tube method for precise and rapid measurement of liquid and gaseous samples. The DA-640 is designed to provide high accuracy and reliable measurements for various applications, from petroleum products to food and beverages.	
1174	portable density/specific gravity meter; The KEM DA-130N is a portable density/specific gravity meter designed for on-site, single-handed operation, offering high accuracy for a wide range of liquid samples. It uses the oscillating U-tube method and provides automatic temperature compensation for various applications. The DA-130N is widely used in industries such as petroleum (crude oil, fuel oil), food and beverages (beer, wine, juices), chemicals, and electronics for quality control and on-site testing.	
1175	Lovibond PFX-i Series SpectroColorimeter; Model: PFXi 195 Series, Part No.1371950, MFG: 2025, S/n 108530	
1176	Mettler Toledo FiveEasy pH/mV Meter; Benchtop Meter, -2.00–16.00pH, ±0.01pH Accuracy, -2000–2000mV Range, ±1mV Accuracy, 0.1°C Resolution, ATC/MTC, Up to 5Point Calibration, Large LCD Display	
1177	Thermo Scientific Cimarec CeramicTop Hotplate/Stirrer ; 0–400°C range, 100–1200rpm stir speed, 7×7" plate sizes, 120V Model SP131635, S/n C1769110943749.	
1178	Thermo Scientific Cimarec CeramicTop Hotplate/Stirrer ; 0–400°C range, 100–1200rpm stir speed, 7×7" plate sizes, 120V Model SP131635, S/n C1769110943734.	
1179	Genuine Gurley 4340 Automatic Densometer, w/ Wilkerson X06-02-000 Polycarbonate Filtration Unit ; Model#: 4340N Sn#: 1103277 Power Supply: 115/230V, 50/60Hz, 2/1 A, Fuse: F2.0A 250V, 60 PSI	
1180	Brookfield DV-I Prime Viscometer, w/ RV SPINDLE Sets & Small Sample Adapter Set; Model#: RVDV-I Prime SN#: 8554361 Date of Mfg: 04/2012 Power Supply: 115V, 50/60Hz, 22 Watts	
1181	Caframo BDC1850 Ultra Torque Overhead Stirrer ; Model#: BDC1850 SN#: 1802938 Power Supply: 120V, 50/60Hz, 3.0Amp Shaft Output: 150Watt 12-1800 1/min	
1182	Suprucci ST-10L Ultrasonic Cleaner ; Model#: ST-10L Ultrasonic Power: 0-240W Heating Power: 200W Frequency: 40KHz Voltage: AC100-120V 60Hz	
1183	LC Technology Solutions/ProStar Platinum Glove Box Containment Unit; To Include: LC Technology Solutions Oxygen PPM Sensor	
1184	Ventilation system ; chemical fume hood. These essential pieces of safety equipment are critical engineering controls in a lab environment. Fume Hood Overview A fume hood works by drawing air from the laboratory, pulling chemical fumes and hazardous vapors away from the user and exhausting them, usually to the outside of the building. This prevents exposure to airborne contaminants. * this lot will not include contents shown in picture BUT the cabinet it sits on IS included.*	
1185	Ventilation system ; chemical fume hood. These essential pieces of safety equipment are critical engineering controls in a lab environment. Fume Hood Overview A fume hood works by drawing air from the laboratory, pulling chemical fumes and hazardous vapors away from the user and exhausting them, usually to the outside of the building. This prevents exposure to airborne contaminants. * this lot will not include contents shown in picture BUT the cabinet it sits on IS included.*	
1186	Anton Paar Ultrapyc 5000 Gas Pycnometer; 0.03% accuracy, sample volumes 4.5–135cm ³ (down to 0.25cm ³ with nano/meso /micro cells), multiple reference chambers, PowderProtect for powders, temperature control 20–50°C with ±0.05°C stability, measures solids, powders, slurries, and semisolids	
1187	precision electronic balance; The Ohaus Adventurer Pro AV4101C is a precision electronic balance designed for laboratory use. This model is part of the Ohaus Adventurer Pro series, known for its combination of features and value. Maximum Capacity 4100 g Readability (Resolution) 0.1 g Calibration Type InCal™ (Internal Calibration) Pan Size 6.3 in x 7.1 in (162 mm x 180 mm) Repeatability 0.1 g Linearity ±0.2 g Display 2-Line alphanumeric backlit LCD *This lot does not include contents pictured, Oahu's unit only*	
1188	infrared moisture analyzer; The Sartorius MA35M-115US is an infrared moisture analyzer used for the quick and reliable determination of moisture content in liquid, pasty, and solid substances. It uses the thermogravimetric method (drying a sample and measuring weight loss) and is a time-saving alternative to traditional drying ovens. *This lot does not include contents pictured, Oahu's unit only*	
1189	SAS Air System; SAS Air System is associated with a few different products and systems, primarily falling under the umbrella of Sentry Air Systems, Inc. or Bioscience International. This is a small unit exhaust system with a 4" flex house that comes with (2) 3-wall plexiglass enclosures. Great for any small project that requires exhausting without exiting the facility but filtering the air and exhausting back into the facility.	
1190	Malvern Panalytical MasterSizer3000+ Aero Particle Size Analyzey ; Includes Malvern Hydro MV Liquid Unit, Malvern Aero S Dry Powder Dispersion Unit, and Dell Computer Control	

1191	KEM Potentiometric Titrator; Includes: KEM MCU-610 Display, (2) KEM AT-610 Units, (3) KEM EBU-610-20B	
1192	Sartorius BCE2241-1S Digital P; 220g x 0.1mg, External Calibration, isoCAL, LED touch interface, Threedoor draft shield, S/n 004500511	
1193	(3) EPPENDORF Single Channel Pippets With Stand ; Models: 417022A(100-1000uL), H52575B(0.5-5mL), H59025B(1-10mL), 6-Capacity Stand	
1194	Heratherm oven; The Thermo Scientific Heratherm oven is a line of reliable and energy-efficient laboratory ovens designed for everyday heating and drying applications. Interior: All models feature inner chambers made from corrosion-resistant stainless steel with rounded corners for easy cleaning. Ease of Use: They are equipped with large, easy-to-read vacuum fluorescent displays and simple, microprocessor-controlled touch button operation. Doors open over 180°, providing convenient access to the interior.	
1195	Heratherm oven; The Thermo Scientific Heratherm oven is a line of reliable and energy-efficient laboratory ovens designed for everyday heating and drying applications. Interior: All models feature inner chambers made from corrosion-resistant stainless steel with rounded corners for easy cleaning. Ease of Use: They are equipped with large, easy-to-read vacuum fluorescent displays and simple, microprocessor-controlled touch button operation. Doors open over 180°, providing convenient access to the interior.	
1196	Moisture analyzer; A Karl Fischer (KF) moisture analyzer is a highly sensitive instrument that is integrated with a dry box (or glove box) to measure the water content of highly moisture-sensitive samples, such as those used in lithium-ion battery research. The primary goal is to protect the sample from ambient humidity during preparation and transfer into the titration cell. * this unit includes all tools pictured inside the unit, but excludes all liquids and containers pictured*	
1197	Thickness gauge; Interface 1210 Series Low Profile Load Cell, a precision force measurement sensor designed for universal tension and compression applications. This comes with an attached Mitutoyo thickness gauge.	
1198	Mahr Milimar C 1202; Mahr Compact length measuring tool Milimar C 1202 W/ Mahr Inductive Probe 1318 And Noga Indicator Holder	
1199	Sartorius Analytical Balance Model: QTX224IMU-1S; Sartorius Analytical Balance Model: QTX224IMU-1S	
1200	HP Milliohmmeter; HP Milliohmmeter 4338B W/ Agilent Mating Cable 16143B	
1201	BK Precision ; BK Precision 150W DC Electronic Load 8540	
1202	Ohaus Navigator ; Ohaus Navigator Portable Balance Model: NVT4201	
1203	Extech instruments ; Extech instruments Thermo-Anemometer SDL300	
1204	Brookfield Viscometer ; Model#: HADV-I Prime SN#: 8506792 Date of Mfg: 10/2010 Power Supply: 115V, 50/60Hz, 22 Watts	
1205	HIOKI BT3562 Battery HiTester ; Model#: BT3562 Power Supply: 100~240V, 50/60Hz, 30VA	
1206	Stainless steel Tumbler ; Stainless steel Tumbler	
1207	Paint adhesion test kit; The Paint Adhesion Test Kit, (P.A.T.) is a visual adhesion test produced by GARDCO, used for evaluating adhesion by cutting the paint or coating into small squares (cross-hatches), thereby reducing lateral bonding.	
1208	Stationary Battery Charging System	
1209	Portable Battery Charging Station	
1210	Fluke 179 True RMS Multimeter; 600V Cat 4 / 1000V Cat 3, 10A S/N 18370585	
1211	Fluke 115 True RMS Multimeter; 600V Cat 3, 10A S/N 61940931MV	
1212	Fluke 179 True RMS Multimeter; 600V Cat 4 / 1000V Cat 3, 10A S/N 18370588	
1213	Fluke 62 Max+ IR Thermometer ; Measurement Range: -30°C to 650°C -22°F to 1202°F Accuracy: pm 1.0° C or pm 1.0% Targeting: Dual Rotating Lasers Optics: 12:1 Distance to Spot Ratio. Durability: IP54 rated for dust/water resistance and 3-meter (9.8-foot) drop tested.	
1214	Mitutoyo 0-1" Digital Micrometer; 0-1", .00005" Resolution, Model: 293-831-30	
1215	Mitutoyo 0-1" Digital Micrometer; 0-1", .00005" Resolution, Model: 293-831-30	

1216	Mitutoyo 0-1" Digital Micrometer; 0-1", .00005" Resolution, Model: 293-831-30	
1217	Mitutoyo 0-1" Digital Micrometer; 0-1", .00005" Resolution, Model: 293-348	
1218	Digital micrometer; This is a widely available and highly-rated general-purpose micrometer known for its excellent value. Measurement Range: Typically 0-1/0-25mm, with larger sizes and sets available. Resolution: 0.00005/0.001mm. Accuracy: $\pm 0.00016/\pm 0.004$ mm. Durability: Features carbide measuring faces and a durable finish, with some models offering an IP54 rating for dust and water resistance. Ease of Use: Includes a large LCD display, absolute and incremental modes, and a ratchet thimble for consistent pressure.	
1219	Durometer ; The Phase II PHT-960 Digital Shore A Durometer is a handheld hardness tester designed for measuring the hardness of soft rubber and plastic materials. It features a digital readout, an auto-hold function, and comes with a rugged carrying case. Measurement Range 0 to 100 HSA (Shore A) Resolution 0.5 H Accuracy $< \pm 1$ grade HS Materials Tested Soft vulcanized rubber, natural nitrile rubber, neoprene, thiokol, felt, wax, and leather Display Digital LCD readout with an auto-hold feature Power Source 1 x SR44 Button Cell Battery Design Ergonomic, lightweight, handheld	
1220	Durometer ; A Shore D durometer is an instrument used to measure the hardness of hard, rigid materials like hard plastics, semi-rigid polymers, and tough rubber compounds. It employs a sharper, more pointed indenter tip and a higher spring force than the Shore A scale.	
1221	weight measurement Kit; Rice lake kits with weights ranging from 1 gram to 200 grams. is a standard for precise laboratory work. It's a slightly different weight distribution than the OIML set.	
1222	Gauge block set; The Mitutoyo 516-953-26 gauge block set is a 56-piece metric, rectangular steel set with a highly precise Grade 00 accuracy, intended for use in temperature-controlled calibration laboratories and inspection rooms.	
1223	ZZ pin gauge set; high-precision tool set manufactured by Vermont Gage. Vermont Gage 102100200 Pin Gage Set This is a comprehensive metric pin gage set used for measuring hole diameters, slot widths, and calibrating other measuring devices in industries like aerospace and automotive. 1.30 mm to 4.98 mm	
1224	Assorted Calibration Weights; GR Metrology, Weights [300g, (5) 1kg, 2kg, 3kg, (4) 5kg], (6) 8mm Weight Blocks	
1225	Assorted GR Metrology Calibration Weights; (2) 10kg Weights, (2) 25kg	
1226	Global Industrial BS90 90 Gal. Flammable Cabinet ; Model#: BS90 Capacity: 90 Gal. Dimensions: Approx. 43"W x 34"D x 65" H. **Contents Not Included**	
1227	Uline H-89 Impulse Foot Sealer ; Model#: H-89 Operation: Foot pedal actuated, allowing for faster, more accurate, and hands-free sealing. Capacity: Seals poly bags and films up to 18 inches wide and 8 mil thickness. Structure: Metal construction with a standing height of approximately 34 inches. Sealing Type: Impulse heat sealing (110V) with a 1/16 inch sealing jaw. Maintenance: Replaceable heating elements are available, with service kit H-174 (18") typically used for maintenance.	
1228	Qualitest MCP-5000 Manual Test Sample Clicker Press; S/N U3188	
1229	Mollusk Vacuum Model:GM 80	
1230	Mollusk Vacuum Model:GM 80	
1231	Storage Cabinet - NO Contents; 36"x19"x64" (WxDxH)	
1232	Storage Cabinet - NO Contents; 36"x19"x64" (WxDxH)	
1233	Storage Cabinet - NO Contents; 36"x19"x64" (WxDxH)	
1234	Storage Cabinet - NO Contents; 36"x19"x64" (WxDxH)	
1235	Storage Cabinet - NO Contents; 36"x19"x64" (WxDxH)	
1236	Storage Cabinet - NO Contents; 36"x19"x64" (WxDxH)	
1237	Storage Cabinet - NO Contents; 36"x19"x64" (WxDxH)	
1238	Prep Lab Table 36" x 32" x 30"; Prep Lab Table 36" x 32" x 30"	
1239	(4) Wood Top Tables ; (2) 60" x 30" x 35" (2) 36" x 36" x 36"	

1240	(2) Autec Power Systems BCP4500 Maccor Power Supply; 200-480V Input, 600A Max Output per Module; S/N 00076	
1241	BluTek Power Model: BPC4500-MAC5; Maccor Power Supply 200-240V Single Phase	
1242	Tripp-Lite SU2200XLCD PowerSupply for MACCOR Battery Testers ; Input: 120VAC, Output: 100-120VAC, S/n. 2927ELCPS795600026	
1243	Tripp-Lite SU2200XLCD PowerSupply for MACCOR Battery Testers ; Input: 120VAC, Output: 100-120VAC, S/n. 2923ELCPS795600057	
1244	Tripp-Lite SU2200XLCD PowerSupply for MACCOR Battery Testers ; Input: 120VAC, Output: 100-120VAC, S/n. 2917ELCPS795600017	
1244A	Tripp-Lite SU2200XLCD PowerSupply for MACCOR Battery Testers ; Input: 120VAC, Output: 100-120VAC, S/n. 2923ELCPS795600055	
1245	Autec Power Systems BPC4500 Maccor Power Supply ; 200-480V Input, 600A Max Output per Module; SN#: 00250	
1246	Autec Power Systems BCP4500 Maccor Power Supply; 200-480V Input, 600A Max Output per Module; S/N 00076	
1247	Autec Power Systems BCP4500 Maccor Power Supply; 200-480V Input, 600A Max Output per Module; S/N 00076	
1248	Autec Power Systems BCP4500 Maccor Power Supply; 200-480V Input, 600A Max Output per Module; S/N 00141	
1249	Autec Power Systems BCP4500 Maccor Power Supply; 200-480V Input, 600A Max Output per Module; S/N 00079	
1250	Autec Power Systems BCP4500 Maccor Power Supply; 200-480V Input, 600A Max Output per Module; S/N 00133	
1251	Werner ladder; Werner ladder, 8', "A" frame. Fiberglass structure, aluminum steps.	
1252	TPI Corporation PBS-36-D Drum Fan; Model#: PBS 36-D Power Supply: 120V, 60Hz, 5.5 Amps	
1253	Airmaster Workstation Fan; 120V	