



High End & Advanced Pouch Cell Production Line


Battery Material Sintering

Description	Listing Price
UL Standard 1200° C Split Tube Furnace with Vacuum Flanges and 80mm Quartz Tube – OTF-1200X-UL	


Ball Milling

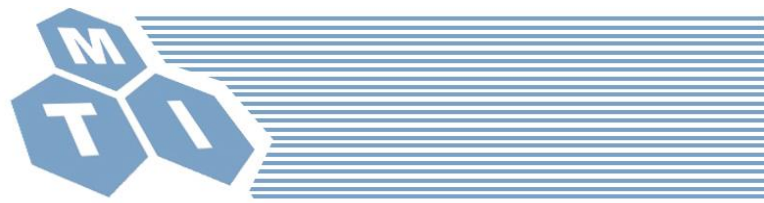
Bench-Top Planetary Ball Mill with Four Agate Jar 320 mL and Lock Clamps – MSK-SFM-1	
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Slurry Vacuum Mixing

2 Liter Tri-Shaft Planetary Vacuum Mixer with Vacuum Pump and Water Chiller – MSK-SFM-10M	
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Coating and Drying

Roll to Roll Transfer Coating System Max. 250 mm Width with Drying Oven For Battery Electrodes – MSK-AFA-EI300-UL	
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Calendaring and Pressing

Description	Listing Price
Roll to Roll Pressure Controlled Rolling Press for Battery Electrodes Max. 300 mm Width – MSK-E2300B	


Edge Slitting

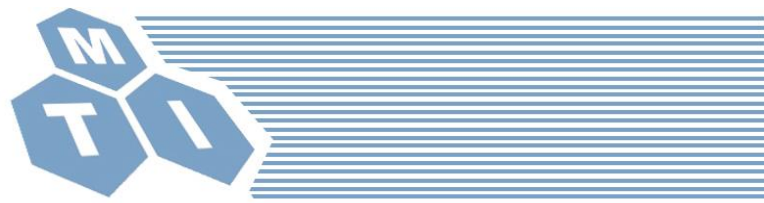
Roll to Roll Edge Slitting Machine Max. 300 mm Width for Electrodes of Pouch Cell – MSK-540	
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Drying

UL Standard 53 Liters 250° C Vacuum Oven 16"x 13"x14" with Programmable Controller - EQ-DZF-6050-UL	
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Pouch Case Forming

Pouch Cell Case/Cup Forming Machine for Aluminum-Laminated Films with Optional Die - MSK-120	
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Electrode Die Cutting

Description	Listing Price
Semi-Automatic Die Cutter for Pouch Cell electrode Sheet with Two Size Range Optional - MSK-180	


Ultrasonic Welding

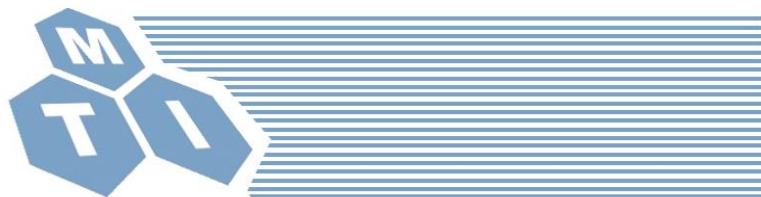
Desk-Top 800W Ultrasonic Metal Welder (Tabbing) with Touch-Screen Digital Controller, 40KHz - MSK-800W	
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Electrode Stacking

Automatic Layer by Layer Stacking Machine for Pouch Cell Electrode – MSK-111A-E	
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Heat Sealing

Compact Heating Sealer for Sealing Laminated Aluminum Case of Pouch Cells 3.2 mm Sealing width- MSK-140	
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Electrolyte Injection

Desktop Precision Electrolyte Filler
– [MSK-150](#)



Vacuum Standing

Electrolyte Diffusion & Degassing Chamber for Professional Li-on Battery Research - [MSK-170](#)



Vacuum Sealing

Large Vacuum Sealer with Pouch Auto-Piercing Function for Al-Laminated Cell – [MSK-115A-L](#)



Glove Box

Dual Chamber Glove Box (94" x 31" x 36") with Gas Purification System (H₂O&O₂< 1ppm) - [EQ-VGB-10-II-LD](#)



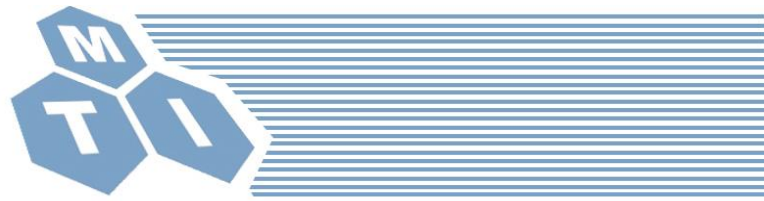
Cell Testing

Description

Listing Price

8 Channel Battery Analyzer (10 mA-5000 mA, up to 5V) w/Temperature Measurement and Laptop & Software - [BST8-5A-CST](#)





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Subtotal Cost for 17 equipment including Glove Box

\$390,000.00

Crating Handling

TBD

Estimate LTL Freight (Truck) Shipping

TBD

On-site Training

TBD

Estimated Total Cost

~ \$420,000.00

Estimated Total Power Consumption for 17 equipment

~20 kW

**Estimated Total Room Space required for 17 equipment
(Glove Box: 130" x 40" x 100")**

2,800 Square Feet