



## Li-S & Li-Metal Pouch Cell Line in ONE Glove Box

### Slurry Vacuum Mixing

Compact Dual-Shaft Planetary Vacuum Mixer with a 150 mL Container – [MSK-SFM-16](#)



### Coating and Drying

Mini Tape Casting Coater 200 mm L x 100 mm W with 100°C Max. Bottom Heat-able Vacuum Bed & Film Applicator – [MSK-AFA-HC100](#)



### Calendaring and Pressing

200°C Max 4" Wide Vertical Hot Rolling Press with Dual-Zone Temperature Control – [MSK-HRP-02](#) (Ar Glovebox compatible)



### Pouch Case (Consumables)

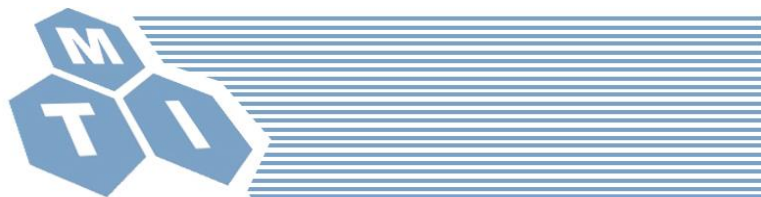
Formed Pouch Cell Case; 70 x 50 x 4.7(thickness) mm; 50 pcs/bag – [EQ-PLiB-475070](#)



### Electrode Die Cutting

Compact & Precision Pneumatic Die Cutter with A Pair Die Set for Pouch Battery Research – [MSK-180S](#)





## Li-S & Li-Metal Pouch Cell Line in ONE Glove Box

### Electrode Stacking

Semi-Auto Stacking Machine for Pouch Cell Electrodes – [MSK-111A-L](#)



### Electrode Stacking (Optional)

Automatic Layer by Layer Stacking Machine for Pouch Cell Electrode – [MSK-111A-E](#)



### Ultrasonic Welding

Desk-Top 800W Ultrasonic Metal Welder ( Tabbing ) with Touch-Screen Digital Controller, 40KHz - [MSK-800W-AR-110V](#)



### Heating Sealing

Compact Heating Sealer for Sealing Laminated Aluminum Case of Pouch Cells – [MSK-140](#)



### Electrolyte Injection

Automatic Digital Bottle top Dispenser with 32oz Boston Round Glass Bottle for 0 – 50 mL Electrolyte Liquid – [BD-50ML-LD](#)





## Li-S & Li-Metal Pouch Cell Line in ONE Glove Box

### Vacuum Sealing

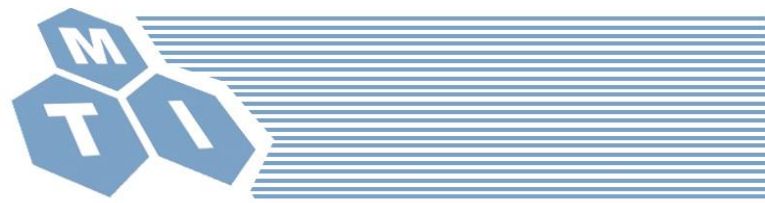
Compact Vacuum Sealer with Integrated Temperature and Pressure Control in One Unit for Pouch Battery – [MSK-115A-S](#)



### Glove Box

Four Chambers Glove Box with Gas Purification System (H<sub>2</sub>O & O<sub>2</sub> < 1 ppm) and Two Mid Openable Front Windows – [EQ-VGB-12](#)





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### Outside of the Glove Box

#### SEI Formation

400 Kg Hot-Press for Pouch Cell SEI Formation 150°C Max. –

[MSK-131](#)



#### Battery Analyzer

8 Channels Battery Analyzer 0.6 – 300 mA, up to 5V with Temperature Measurement and Laptop & Software –

[BST8-300-CST](#)

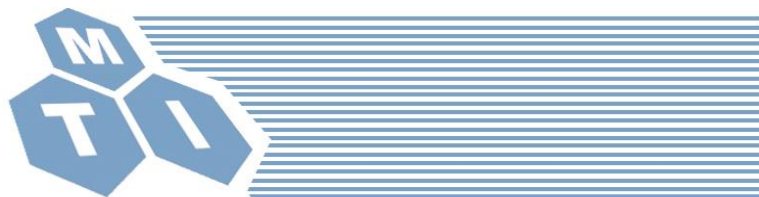


#### Final Vacuum Sealing

Large Vacuum Sealing Machine with Pouch Auto-Piercing Function for Pouch Cell Final Sealing –

[MSK-115A-L](#)





## Li-S & Li-Metal Pouch Cell Line in ONE Glove Box

### Subtotal Cost for the Pilot Line including Glove Box

**\$200,000.00 - \$250,000.00**

**Crating Handling**

**TBD**

**LTL Freight (Truck) Shipping**

**TBD**

**On-site Training**

**TBD**