


Lithium-ion Battery Pack Safety Testing Equipment


T1: Altitude Simulation

Description	Listing Price
215L Vacuum Chamber (22" x 25" x 24") with Digital Pressure Control – MSK-VA215	


T2: Thermal Test

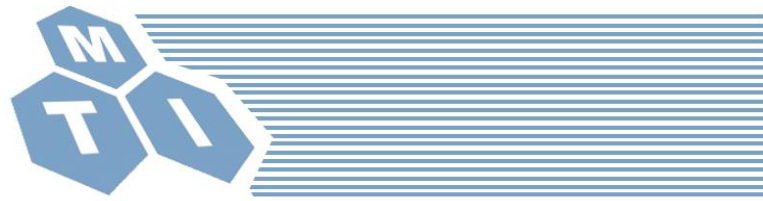
1000L Programmable Fast Thermal Test Chamber (-70°C - +150°C, UN38.3.4.2) – MSK-TE906-1000L	
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T3: Vibration

Computerized Automatic Vibration Testing System for Max. 15kg Load (UN38.3.4.3) – MSK-ES-4	
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T4: Shock

Automated Pneumatic Shock Tester with Max. Load of 10 Kg (UN 38.3.4.4) – MSK-SS-10	
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T5: External Short Circuit

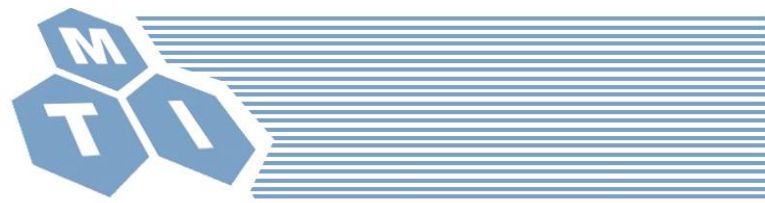
Description	Listing Price
Short Circuit Testing System with Remote Control up to 1000A for Rechargeable Batteries (UN38.3.4.5) – MSK-TE901-C	

T6: Impact / Crush

Gravity Impact Tester with Remote Control & Free Fall Option for Lithium Battery (UN 38.3.4.6 & IEC 62133) – MSK-TE902-UL	
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T7: Overcharge

8 Channel Battery Analyzer (10A 30V per Channel) with Laptop & Software for All Types of Batteries & Packs – BST8-10A30V	
Dual Explosion-Proof Box for Battery Safety Test (20"x20"x20", 125L, UN38.3.4.7 & 8) – MSK-TE903-UL	




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T8: Thermal Abuse

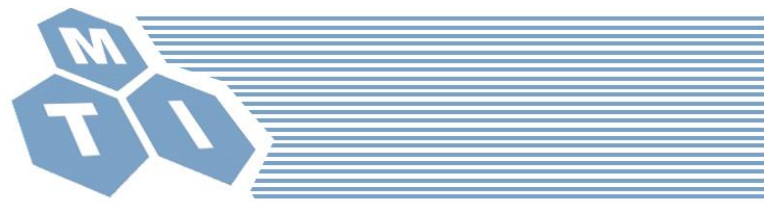
Description	Listing Price
Thermal Chamber (80L, 200° C Max.) w/ 8 Channel Battery Analyzer and Laptop & Software for Battery Thermal Cyclic Test – BPG-7082-BSTC	

T9: Nail Penetration

20T Max. Horizontal Hydraulic Driven Nail Penetration & Crushing Tester for Larger Lithium-Ion Battery – MSK-TE935-H20T	
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T10: Sea Water Immersion

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Subtotal Cost for 10 equipment

~ \$500,000.00

Crating Handling

TBD

Estimate LTL Freight (Truck) Shipping

TBD

On-site Training

TBD

Estimated Total Cost

~ \$520,000.00

Estimated Total Power Consumption

~25 kW

Estimated Total Room Space required

6,000 Square Feet