



Coin Cell Production Line Quotation

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Item	Description	Qty. (Kg)	Unit Price	Ext. Amount
1	<p>1200°C Split Tube Furnace with Vacuum Flanges & Optional Quartz Tube 80mm, 208-240VAC, Single Phase,50/60Hz - OTF-1200X-80 -Utility: Sintering and synthesizing electrode powder -Necessary</p> <p>-Alternative: 1. All MTI's furnace can be used for powder sintering http://www.mtixtl.com/tubefurnaces.aspx 2. Strongly suggest "Rotary Furnace" for best sintering result http://www.mtixtl.com/rotarytubefurnaces.aspx</p>	1	\$5,000.00	\$5,000.00
2	<p>Bench-Top Planetary Automatic Ball Mills with 4 Alumina Jars (4x500ml), 208-240VAC, Single Phase,50/60Hz - MSK-SFM-1 -Utility: Ball mill for electrode powder -Necessary</p> <p>-Alternative: Mill for smaller quantity (MSK-SFM-3, \$2,900.00): http://www.mtixtl.com/sfm-3desk-tophighspeedvibratingballmillwith80mlstainlesssteeljar.aspx</p>	1	\$5,900.00	\$5,900.00
3	<p>Vacuum Mixer with 5L Water Cold Stainless Steel Tank and Vacuum Pump, 208-240VAC, Single Phase,50/60Hz - MSK-SFM-6 -Slurry mixing/stirring under vacuum -Necessary</p> <p>-Alternative: Mixer for smaller quantity (MSK-SFM-7, \$2,600.00): http://www.mtixtl.com/Desk-TopSteplessSpeedVariationVacuumMixer500-1000mlwithBuild-inV.aspx</p>	1	\$5,000.00	\$5,000.00
4	<p>Automatic Film Coater with Cover Heater, Vacuum Pump & Micrometer Film Applicator, 208-240VAC, Single Phase,50/60Hz- MSK-AFA-III -Utility: Electrode slurry coating on substrate (current collector) -Necessary</p> <p>-Alternative: For larger scale production (MSK-AFA-E300, \$65,000.00): http://www.mtixtl.com/AutomaticBatteryElectrodeCoatingSystemwithSlurryFeederCoaterRoll.aspx</p>	1	\$7,000.00	\$7,000.00
5	<p>Precision 4" Hot Rolling Press/Calender up to 130°C, 208-240VAC, Single Phase,50/60Hz - MSK-HRP-01 -Utility: Calendering the coated electrode -Necessary</p> <p>- Alternative: For bigger calendering size (MSK-HRP-02, \$13,000.00): http://mtixtl.com/BenchTopPrecisionAutomaticHeatingRollingPress-MSK-HRP-02.aspx</p>	1	\$8,600.00	\$8,600.00

6	Bench-Top Vacuum Oven (16x13x14", 53L, 250°C) With 28 Segments Temperature Controller, 110VAC or 208-240VAC, Single Phase,50/60Hz - EQ-DZF-6050 -Utility: Drying the electrode under vacuum before pouch cell assembly -Necessary Alternative: No alternative	1	\$1,900.00	\$1,900.00
7	Precision Disc Cutter with Standard 16, 19, 20 and Optional 3-24mm Diameter Cutting Die - MSK-T-10 -Utility: Cutting round disc shape electrode and separator for coin cell assembly -Necessary <i>Note: Customers may purchase two Disc Cutters (one cutting separators and the other cutting electrodes) for best cutting result.</i>	1	\$3,300.00	\$3,300.00
8	Large Glove Box (122Wx90Hx 76D, CN) with Gas Purification System and Digital Control, 208-240VAC, Single Phase, 50/60Hz - EQ-VGB-6 -Utility: Offering environment with H2O<10ppm (the lower the better) to inject electrolyte and crimp coin cell -Necessary Alternative: Dry Room with H2O<-40C.D.P (MTI does not provide dry room, please contact a individual supplier)	1	\$32,000.00	\$32,000.00
9	Bottletop Electrolyte Digital Dispenser with 1000mL Stainless Steel Bottle: 1-10 ml adjustable - BD-10ML -Utility: Injecting electrolyte into the pouch cell -Necessary Alternative: By syringe injection	1	\$500.00	\$500.00
10	Compact Hydraulic Crimping Machine: One for All Button Cells of CR2016, CR2025, & CR2032 and Optional Die for CR2325 or CR2450 - MSK-110 -Utility: Crimping coin cell in glove box after electrolyte injection -Necessary Alternative: Electric crimping machine (MSK-160D, \$5,000.00) http://mtixtl.com/ElectricCoinCellCrimpingandDisassemblingMachineforCR20XX-MSK-160D.aspx	1	\$3,000.00	\$3,000.00
11	8 Channels Battery Analyzer (0.002-1mA, up to 5V) with Laptop and Software for R&D Energy Storage Materials,110VAC or 208-240VAC, Single Phase,50/60Hz - BST8-WA -Utility: 1. Activating the battery after crimping (cell formation) 2. Doing charge/discharge cycling to determine battery's conduction like capacity,cycle life and efficiency. -Necessary Alternative if different current/voltage requirement (1uA-10A/5V-50V, other range is customizable) : http://www.mtixtl.com/batterytestingsystems.aspx	1	\$4,200.00	\$4,200.00
Sub Total (FOB US 94804)				\$76,400.00
Crating and handling				TBD
LTL Freight shipping and insurance from CA 94804 to customer				TBD
Total Amount				TBD
Issued	MTI Sales	Signature:	Date	XX/XX/20XX

Delivery:	2-4 weeks after receipt of your order and payment if all equipments in stock 6-8 weeks after receipt of your order and payment if some equipments out of stock Both product availability and price are subject to change without notice before the receipt of PO
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Please Note:

1. This quotation is created for customer's budget planning on setting up a coin cell R&D lab, please contact us and ask for a real quotation according to your specification and maximize the cost performance.

2. This quotation does not include consumables like cases and spacers&springs, please visit our web <http://www.mtixtl.com/batterycapacitorequipment.aspx> for details.

3. The products with price in this quotation are subject to change without notice, please contact MTI for update.

Thanks and Regards
