













## Equipment Line for making the Single Layer Pouch Cell at the reasonable cost

Recently many battery researchers need to make single layer pouch cell to test battery or electrolyte material, which provides more convincing data than coin cell. MTI provides a cost-effective equipment line to make single layer pouch cell.

Function	Main Picture	Part Number ( click P/N to see detial specs )	Estimated Price ( without NRTL certificate )	Notes
				
Slurry Mixing		<a href="#">MSK-SFM-16</a>	RFQ	
Electrode Coating		<a href="#">MSK-AFA-HC100</a>	RFQ	
Rolling Press		<a href="#">MSK-HRP-MR100DC</a>	RFQ	
Die Cutting for electrodes and separator		<a href="#">MSK-180SP</a>	RFQ	If you have glovebox , and don't need prepare electrode coating by yourselves, four devices are enough to make single layer pouch cell  <b>Subtotal: RFQ</b>
Economic Ultrasonic Metal Welder		<a href="#">MSK-800-2K</a>	RFQ	
Electrolyte dispensing		<a href="#">BD-10ML-LD</a>	RFQ	
3 in 1 vacuum & Heated sealer ( top & side seling, vacuum standing, final vacuum sealing )		<a href="#">MSK-115-III</a>	RFQ	
<b>Subtotal without glove box</b>			<b>RFQ</b>	
Glove box ( Optional )		<a href="#">VGB-6-LD</a>	RFQ	
		<a href="#">VGB-6-II-LD</a>	RFQ	The all equipments above can be place in dual glove box
<b>Subtotal with dual glove box RFQ</b>				
<b><u>Necessary Consumables</u></b>				
Aluminum Laminated Film for Pouch Cell Case, 700mm W x 20 m L x 0.115 mm T		<a href="#">EQ-alf-700-20M</a>		
<a href="#">3mm Width Aluminum Tab as Positive Terminal</a>		<a href="#">EQ-PLIB-ATC3</a>		
<a href="#">3mm Width Nickel Tab with Adhesive Polymer Tape for Pouch Cell Terminal</a>		<a href="#">EQ-PLIB-NTA3</a>		
Li-ion Battery Separator Film (25um thick x 60mm W x 400m L, Celgard )		<a href="#">EQ-bsf-0025-400C</a>		