

Specifications of required Tape Casting Equipment

Serial No.	Specifications	
1.	Working voltage	<ul style="list-style-type: none"> • RTL Listed AC 100 - 240 V In & DC 24 V Out power adapter is included • 24V brushless DC motor which can be used under Ar gas glove-box. • Safe to use without NRTL certification.
2.	Heat able vacuum plate form	<ul style="list-style-type: none"> • Vacuum chuck is made of aluminum alloy with the micro-size holes • Vacuum chuck Area / Coating Area: 1000 mm (L) x 100 mm (W) • The heating elements are preinstalled inside the chuck • Digital temperature controller (single point) with +/- 1°C accuracy • The maximum temperature is 200°C and it should be adjustable.
3.	Top cover included.	
4.	Vacuum pump	<ul style="list-style-type: none"> • One 24VDC pump is included. • The vacuum gets power from the coater. • 8mm O.D. tube fitting for vacuum chuck connection.
5.	Film Applicator	<ul style="list-style-type: none"> • Built in pushing bar for using micrometer adjustable applicator • 4 paths precision film applicator with the fix thicknesses 5 um, 10 um, 15 um and 20 um is included for immediate use; • Maximum coating width of the standard film applicator is 80 mm • The DC 24 V motor drives the pushing bar continuously to the adjustable position • A waste plate for extra slurry is included.
6.	Slurry boat	A stainless steel slurry boat is included.
7.	Maximum Coating Area	100 mm (W)× 1000 mm (L)
8.	Accuracy of Film Thickness	+/- 2um
9.	Traverse Speed and Distance	<ul style="list-style-type: none"> • Travel Speed: 0 - 50 mm/s adjustable • Travel Distance: 0 - 360 mm adjustable