





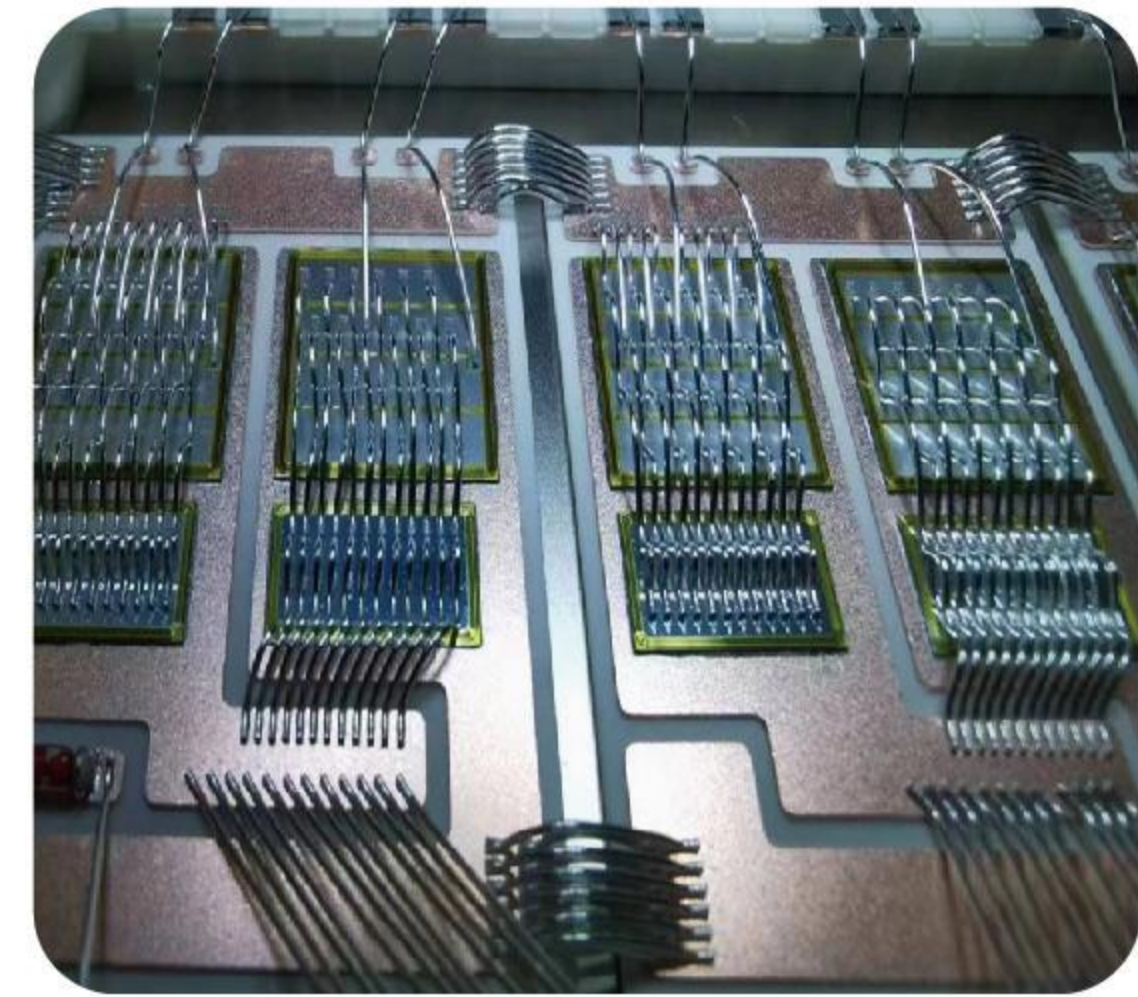
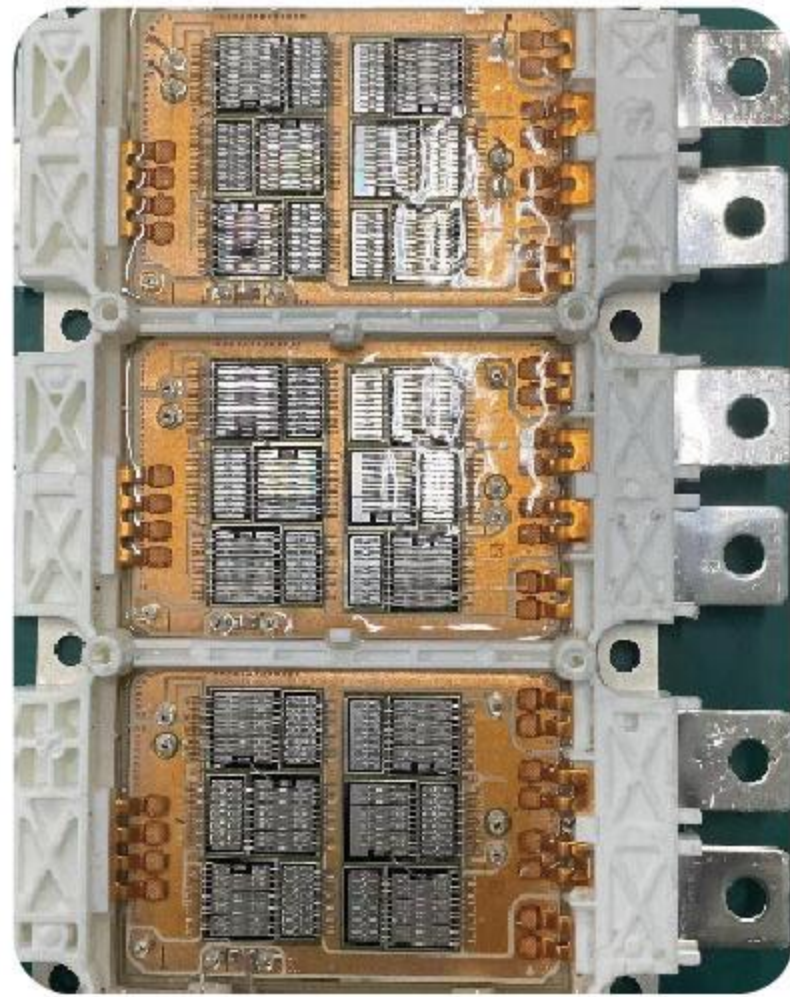
WB-701A

**Ultrasonic Wire Bonder
for Battery Connections and Power Modules**



Features

-  Long gantry XY axis for large working area
-  Bond quality control and assessment
-  Direct drive linear motor and flying vision systems improve efficiency
-  Quick change of ultrasonic bond head supports aluminum wire, aluminum ribbon and copper wire bonding



Specifications

No.	Description	Parameter
01	Work area	X axis:300mm/1um Y axis:300mm/1um Z axis:50mm/1um T axis: +/-360 degree/0.01 degree
02	Wire size	5mil to 20mil(125um~500um)
03	Ribbon wire	20X4 mil to 80X10 mil
04	Wire Cutter	Front cut / Rear cut
05	Wire feed system	Motorized with High Resolution Encoder Feedback
06	Wire loss detection	Encoder and Bond Power Detection Method
07	Maximum Wire Length	Realtime Monitoring
08	Bond Force	Aluminum wire:50g-1500g Ribbon wire:100g-3500g Copper wire: 100g-8000g
09	Ultrasonic Transducer	60KHz or 80KHz
10	Ultrasonic generator	60KHz or 80KHz@30w~100w
11	Wire cycle	<1 s
12	Power Supply	200-240VAC, 50-60Hz, 2000W
13	Dimensions	960mm(L)x1400mm(W)x1700mm(H)
14	Weight	900kg