

## HS Series Automatic Soldering Robot IBK-HS-L Robot specifications



The minimum can be welded 0.1mm solder wire, solder joint accuracy can reach 0.1mm, Using the world's most advanced ibkrobot, the machine has eight kinds Language, easy to operate.

### IBK-HS-L Robot specifications

Model	HS200L	HS300L	HS400L	
Drive method	5-phase stepping motor			
Encoder	4- axes applicable			
Resolution	X,Y,Z Axes	0.01mm		
	R Axis	0.008°		
	X,Y Axes	200*200mm	300*300mm	400*400mm
Operating range	Z Axis	50mm	100mm	100mm
	R Axis	+360°		
Portable Weight	7.0KG	11KG		
Moving speed	X,Y Axes	700mm/sec	800mm/sec	
	Z Axis	250mm/sec	320mm/sec	
	R Axis	600° /sec	800° /sec	
Repeat precision	X,Y,Z Axes	±0.01mm		
	R Axis	±0.008°		
Control precision	Remote teaching (JOG)			
	Manual data Input (MDI)			
External input / output	Input:16 / output:16			
Program capacity	255 program			
Memory capacity	3000 point			
Auto feed conditions	Point and slide total; 500 conditions			
Temperature adjustable range	0~500°C			
Feed speed	1.0mm/sec~50.0mm/sec			
Feed speed rate	0.1mm			
Wire diameter	Using ZSB Feeder	Φ0.3~Φ1.0 mm (Option; Φ0.3, 1.2, 1.6 mm)		
	Using Normal Roller	Φ0.2~Φ1.6 mm		
Heating power	130W			

Nitrogen generator	Available (Option: APN-05)
Display language	English, Chinses, Korean, French, Spanish, German
Voltage	AC94-260V (Single-phase)
Power	360W