

DS Series Automatic Soldering



The minimum can be welded 0.2 mm solder wire, solder joint accuracy can reach 0.2 mm, Using the world's most advanced ibkrobot, the machine has eight kinds Language, easy to operate.

IBK-DS-L Robot specifications

Model	DS200L	DS300L	DS400L	
Drive method	5-phase stepping motor			
Encoder	4- axes applicable			
Resolution	X,Y,Z Axes	0.01 mm		
	R Axis	0.008°		
Operating range	X,Y Axes	200*200mm	300*300mm	400*400mm
	Z Axis	50mm	100mm	100mm
Portable Weight	R Axis	+360°		
		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	±0.01 mm		
	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	Φ0.4~01.0 mm (Option; Φ0.3, 1.2, 1.6 mm)		
	Using Normal	Φ0.3~Φ1.6 mm		

	Roller	
Heating power		130W
Nitrogen generator		Available (Option: APN-05)
Display language		English, Chinses, Korean, French, Spanish, German
Voltage		AC94-260V (Single-phase)
Power		250W