

Level 1: Category-Industrial Manufacturing and Processing Machinery and Accessories -UNSPSC Code:23
Level 2: Category-Welding and soldering and brazing machinery and accessories and supplies -UNSPSC Code: 2327
Level 3: Category- Soldering machines-UNSPSC Code: 232716
Level 4: Category- BGA Reowork Station -UNSPSC Code: 23271603

Sl.No.	Parameters	Field Type	Field Category	Value 1	Value 2	Value 3	Value 4	Value 5
1	GROUP:GENERIC							
2	BGA Rework station contains Temperature sensor, Compressor, Laptop, Nozzle etc.,	Enumerable	Mandatory	Yes				
3	BGA Rework station with digital display	Enumerable	Golden,Filter, Mandatory	LED	LCD			
4	Power Supply	Enumerable	Mandatory	230 V +/- 10% AC				
5	Power consumption (in Watts)	Enumerable	Golden,Filter, Mandatory	2300	3500	4600	2000	
6	Temperature on the top nozzle	Enumerable	golden,Filter, Mandatory	50 to 400 degree C				
7	Heating method	Enumerable	Golden,Filter, Mandatory	Hot Air	IR Radiation	Hot Air + IR Radiation		
8	Heating power at top (in Watts)	Enumerable	Golden,Filter, Mandatory	550 W	700 W	1400 W	300 W	
9	Heating power at bottom (in Watts)	Enumerable	Golden,Filter, Mandatory	1600 W	2800 W	2000 W	1000 W	
10	Component type	Enumerable	Mandatory	BGA,CSP,LGA,Micro SMD,MLF				
11	Component range	Enumerable	Golden,Filter, Mandatory	1mm to 60mm	2.5mm to 56mm	4mm to 50mm	1 mm to 50mm	1mm to 40mm
12	Profile setting	Enumerable	Mandatory	4 step profiling (minimum)	6 step profiling (minimum)	8 step profiling (minimum)		
13	Compatible PCB Size	Enumerable	Mandatory	Upto 500 mm x 450 mm				
14	Camera for all alignment	Enumerable	Mandatory	Yes with split optic	Yes with optical			

15	Accuracy	Enumerable	Mandatory	plus/minus 0.02mm	plus/minus 0.1mm			
16	Machine type	Enumerable	Mandatory	Manual	Semi-automatic	Fully-automatic		
17	CE marked	Enumerable	Golden,Filter, Mandatory	Yes	No			
18	ROHS Marked	Enumerable	Golden,Filter, Mandatory	Yes	No			
19	Demonstration and training	Enumerable	Golden,Filter, Mandatory	Yes	No			
20	Weight (in Kg) -must declare	Text	Mandatory					
21	GROUP:STANDARD ACCESSORIES							
22	Temperature sensor	Enumerable	Mandatory	Yes				
23	Compressor	Enumerable	Mandatory	Yes				
24	Laptop for controlling BGA Rework station with graphics card.Screen size shall be 14 inch/15 inch or higher	Enumerable	Mandatory	Yes				
25	Nozzle	Enumerable	Mandatory	Yes				
26	User Manual	Enumerable	Mandatory	Yes				
27	GROUP:WARRANTY							
28	Warranty(In years)	Enumerable	Golden,Filter, Mandatory	1	2	3		
29	GROUP:CERTIFICATION							
30	Availability of type test reports from any Central Govt. laboratory / ILAC approved laboratory / NABL aproved laboratory.	Enumerable	Mandatory	Yes				
31	Test report number - Must declare	Text	Mandatory					
32	Test report date - Must declare	Text	Mandatory					
33	Name of lab - Must declare	Text	Mandatory					
34	Address of lab - Must declare	Text	Mandatory					
35	All the test reports and certificates shall furnish by the seller to purchase authority on demand	Enumerable	Mandatory	Yes				