

**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-Fume extraction unit for filtration of soldering fumes-UNSPSC Code: 23271603**

Sl.No.	Parameters	Field Type	Field Category	Value 1	Value 2	Value 3
1	<b>GROUP:GENERIC</b>					
2	Power Supply	Enumerable	Mandatory	230 V +/- 10% 50 Hz, AC		
3	Power consumption	Enumerable	Golden,Filter, Mandatory	120 W	200 W	
4	Stages of filtration	Enumerable	Mandatory	2(Pre filter and main filter)	3(Pre filter, main filter and gas filter)	
5	Filter surface area(In sq. mtr.)	Enumerable	Golden,Filter, Mandatory	2.4		
6	Filter efficiency (minimum)	Enumerable	Mandatory	99%		
7	No of channels	Enumerable	Golden,Filter, Mandatory	1	2	4
8	Maximum flow rate	Enumerable	Mandatory	>/=150 cubic m/h	>/=190 cubic m/h	
9	Noise level	Enumerable	Mandatory	51 dB,at a distance of 1m	53 dB,at a distance of 1m	55 dB,at a distance of 1m
10	Maximum turbine vaccum	Enumerable	Mandatory	2500 pa	3000 pa	
11	Speed regulator for fume extraction			1	2	4
12	ESD Safe	Enumerable	Mandatory	Yes		
13	CE marked	Enumerable	Golden,Filter, Mandatory	Yes	No	
14	ROHS Marked	Enumerable	Golden,Filter, Mandatory	Yes		

15	Demonstration and training	Enumerable	Golden,Filter, Mandatory	Yes	No	
16	USB interface	Enumerable	Mandatory	Yes		
17	<b>GROUP:STANDARD ACCESSORIES</b>					
18	Power cord	Enumerable	Mandatory	Yes		
19	User Manual	Enumerable	Mandatory	Yes		
20	<b>GROUP:WARRANTY</b>					
21	Warranty(In years)	Enumerable	Golden,Filter, Mandatory	1	2	3
22	<b>GROUP:CERTIFICATION</b>					
23	Availability of type test reports from any Central Govt. laboratory / ILAC approved laboratory / NABL aproved laboratory.	Enumerable	Mandatory	Yes		
24	Test report number - Must declare	Text	Mandatory			
25	Test report date - Must declare	Text	Mandatory			
26	Name of lab - Must declare	Text	Mandatory			
27	Address of lab - Must declare	Text	Mandatory			
28	All the test reports and certificates shall furnish by the seller to purchase authority on demand	Enumerable	Mandatory	Yes		