

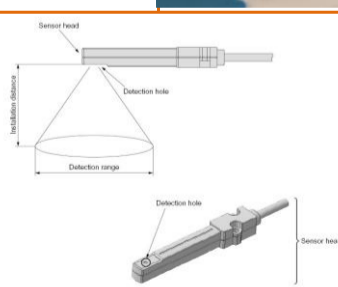


Product Data Sheet		22/8/2019		
Model	SMT 2	SMT 2		
Model width	400mm	600mm		
Effective Cleaning width	400mm	622mm		
Type	Single Side - Double Side - Board Cleaner			
ESD Standards Compliance	ANSI/ESDs 20.20 - 2014			
	ANSI/ESDs 6.1 - 2014			
	IEC 61340 - 5 - 1: 2016			
	ANNEX A (Automated Handling Equipment)			
Cleaning Rollers	Designed and Manufactured in the UK			
Construction	Designed in the UK			
Machine Covers	Powder Coated Zintec			
Machine parts	Aluminium - Stainless Steel - Delrin			
Motors	Oriental Motor Co - Japan			
Industrial Processor	JTEQ			
Conveyor Belts	Habasit Polyurethane Static Dissipative			
Software	Developed in the UK			
Anti Static System	KESD			
Anti Static Bar	1 x KESD Air assist Bar			
Pneumatics	SMC			
Power Supply Unit	TRACO POWER - Universal Power Supply			
Bearings	SKF Japan			
Alarm Beacon	QITENG			
Services	Electrical	85 - 265VAC		
	Mains Plug	IEC Inlet Fused		
	Banana Test Connector	4mm, Receptacle, Panel Mount, 32 A Nickel Plated Contacts		
	Power consumption	115 Watts		
	Air Pressure	5 - 7 bar		
	Air Pipe	6mm OD		
	Air Quality	Oil Free/Dry		
	Air Consumption	0.628000L/Cycle		
				
	Cleaning Rollers x 2 or 4	Base Material	NT - Silicone - 50Å	
		UTF - Silicone - 25Å		
		Nanocleen 20.20 - Urethane - 55Å		
Overall Standard		ISO 6123 Class A - Part 1 - 2 - 3		
Straightness		0.1mm/m		
Roller Diameter		Ø 27.8mm		
Construction	Aluminium Tube & Stainless Steel Spigots			
Adhesive Roll x 1 or 2	Base Material	ECO -Moisture Stable Paper - Temp - Max 120°C / Min 5°C		
		ECO - Polypropylene - Temp - Max 120°C / Min 5°C		
		Water Based Acrylic Adhesive		
	AREP	Adhesive Roll Eco Paper - ESD - Low Static		
	AREF	Adhesive Roll Eco Film		
Diameters - Ø	ID - 76mm / OD - 100mm			
Machine width	365mm			
Machine Weight	63Kg	87Kg		
Load Per Standing Foot	166N	213N		
Stand Options	Stand - 900mm ± 50mm " Steel construction "			
Operation	Mode	Uni Directional		
	Flow direction	L - R or R - L		
	Datum " Fixed Rail "	Fixed front or Rear Rail		
	Speed Range	1 - 40m/min		
	Speed Accuracy	0.1m/min - 99.9%		
	Load Save Programs	250 Programs can be saved - different boards		
Board Processing	Single Side Cleaning	Min - Max Length	50mm - N/A	50mm - N/A
		Min - Max Width	40mm - 400mm	40mm - 600mm
		Min - Max Thickness	0.6mm - 3.2mm	0.6mm - 3.2mm
	By-Pass No Cleaning	Min - Max Length	50mm - N/A	50mm - N/A
		Min - Max Width	40mm - 400mm	40mm - 600mm
		Min - Max Thickness	0.6mm - 3.2mm	0.6mm - 3.2mm
	Double Side Cleaning	Min - Max Length	98mm - N/A	98mm - N/A
		Min - Max Width	40mm - 400mm	40mm - 600mm
		Min - Max Thickness	0.6mm - 3.2mm	0.6mm - 3.2mm
	By-Pass No Cleaning	Min - Max Length	120mm - N/A	120mm - N/A
		Min - Max Width	40mm - 400mm	40mm - 600mm
		Min - Max Thickness	0.6mm - 3.2mm	0.6mm - 3.2mm
SMEMA Connections - Standard	Thomas & Betts - T9321P-T2			
	Thomas & Betts - T178SR - 45			
	Thomas & Betts - T1710 - P14			
Hermes Capability	Network Cable CAT 5 or 6			
Optional Features	SMEMA Cables			
	SMC - Electrostatic Sensor			
Brush and Vacuum System (RFQ ONLY)	Brush & Vacuum System (RFQ ONLY)			
	Brush	Thunderon - Japan		
BOFA - Extraction System	Motor	Longkang Tech Ltd		
	BOFA - DP400	Dimensions: Height 510mm Depth 256mm Width 280mm		
		Weight: 9.1Kg		
		Voltage: 115-230V		
		Frequency: 50/60Hz		
		Full load current: 12.5A		
		Power: 120w		
	Capacity: 400m ³ /h			
KESD Anti Static Bar	Manufacturer	KESD		
	Part Number	Bar = KE - 36X		
	Description	Model KE		
Static Monitoring Sensors	SMC - Electrostatic Sensor			
	Potential measurement	±0.4 kV (at detection distance: 25 mm)		
	Output voltage	1 to 5 V (Output impedance: Approx. 100 Ω)		
	Effective detection distance	10 to 50 mm		
	Linearity	±5% F.S. (0 to 50°C, at detection distance: 25 mm)		
	Output delay time	100 ms or less		
	Power supply voltage	24 VDC ±10%		
	Current consumption	40 mA or less		
	Operating ambient temperature	0 to 50°C		
	Operating ambient humidity	35 to 85% Rh (with no condensation)		
	Material	Head case : ABS Amplifier case : ABS		
	Vibration resistance	Durability 50 Hz . Amplitude 1 mm X, Y, Z each 2 hours		
Shock resistance	100 m/s ²			
Weight	185 g (including cable weight)			
Compliance with EN standards	Protective class : Class III (EN60950-1)			
	Pollution Degree 3			
EMC directive	89/336/EEC, 92/31/EEC, 93/68/EEC, 2004/108/EC			
UL standard	UL508			