


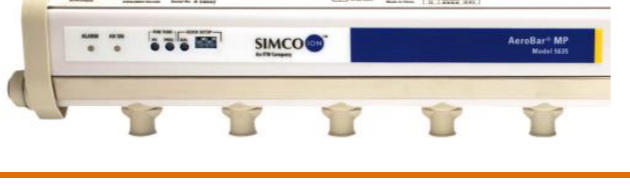
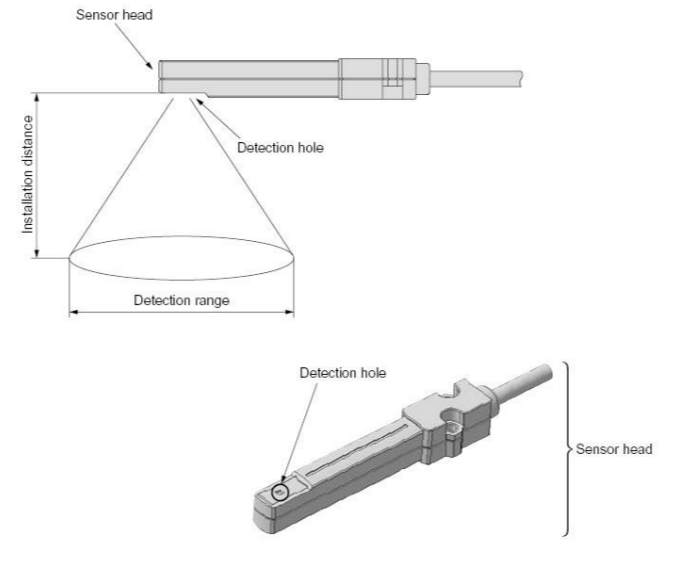


Product Data Sheet				
Model	SMT2017	SMT2017		
Model width	400mm	600mm		
Effective Cleaning width	400mm	622mm		
Type	Single Side - Double Side - Board Cleaner			
ESD Standards Compliance	ANSI/ESDs 20.20 - 2014 ANSI/ESDs 6.1 - 2014 ANNEX A (Automated Handling Equipment)			
Cleaning Rollers	Designed and Manufactured in the UK			
Construction	Designed in the UK			
Machine Covers	Aluminium Powder Coated - Trimate P8080 Silver Egg Shell EP Metallic Smooth			
Machine parts	Aluminium - Stainless Steel - Delrin			
Motors	Oriental Motor Co - Japan			
PLC	Pro Face Japan			
Conveyor Belts	FORBO Siegling Polyurethane Static Dissipative			
Software	Developed in the UK			
Anti Static System	SIMCO			
Anti Static Bar	1 x AERO Air Assist Static Bar or 1 x MEB 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	0.62800L/Cycle		
Cleaning Rollers x 2 or 4	Base Material	Nanoclean 20.20 - Urethane - 55A UTF - Silicone - 25A		
	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		
	ARLS	Adhesive Roll Eco Paper - ESD - Low Static		
	AREP	Adhesive Roll Eco Paper		
	AREF	Adhesive Roll Eco Film		
	Diameters - Ø	ID - 76mm / OD - 100mm		
Machine width	360mm			
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			
	Optional Features		SMEMA Cables SMC - Electrostatic Sensor Brush & Vacuum System (RFQ ONLY)	
Brush and 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: 1100w Capacity: 400m3/h Extraction Hose Dia = 75mm		
	Anti Static Bar MEB	1 x MEB Simco		
		Emitter Coupling		Shockless
		Housing Material		Stainless Steel
		Overall Length		8.5" to 144" (215m - 3657mm)
Mounting Distance		1" - 3" from target surface		
AERO Anti Static Bar - 91-5630-450-50 QTC27-01	Max Speed (FPM)	350m/min		
	Approval	CE, CSA, UR, FM		
	Manufacturer	Simco-Ion		
	Part Number	Bar = 91- 5630-450 QTC 27-01		
	Description	Model 5630 AeroBar Width 450mm & 600mm		
Mounting	2 x 28-6370 Mounting Clips			
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/s²		
	Weight	185 g (including cable weight)		
Compliance with EN standards	Protective class : Class III (EN60950-1) Pollution Degree 3 CE marking : Low voltage directive : 73/23/EEC, 93/68/EEC			
EMC directive	89/336/EEC, 92/31/EEC, 93/68/EEC, 2004/108/EC			
UL standard	UL508			