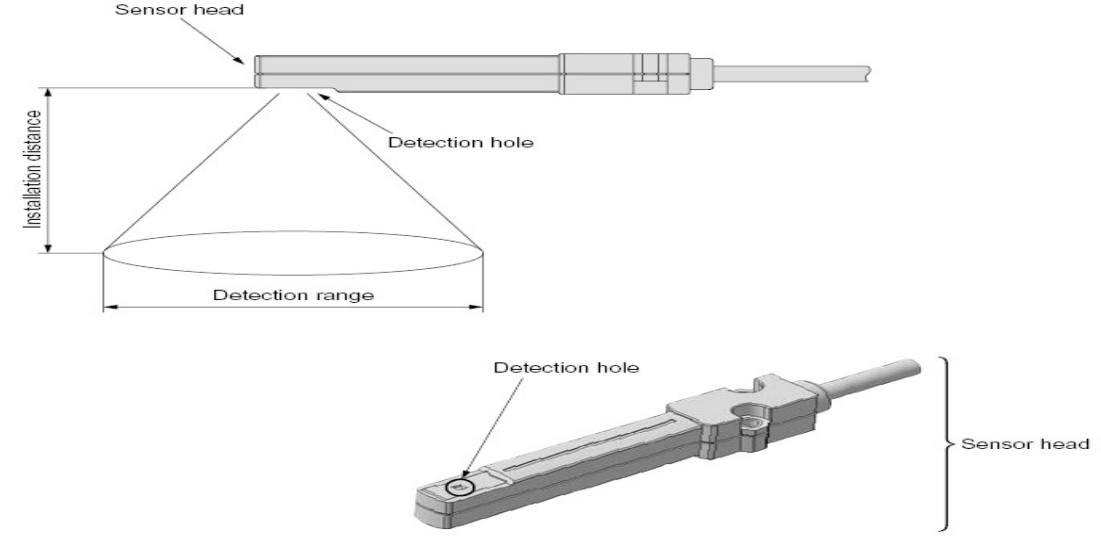


Product Data Sheet		Tek-BC-10 " Teknek Dual Lane Cleaner "	Tek-BC-20 " Teknek Single Lane Cleaner "																																
Model		Tek-BC-10 " Teknek Dual Lane Cleaner "	Tek-BC-20 " Teknek Single Lane Cleaner "																																
Type		Dual Lane - Top Side Board Cleaner	Dual Lane - Top Side Board Cleaner																																
Cleaning Rollers		Designed and Manufactured in the UK	Designed and Manufactured in the UK																																
Construction		Designed and Assembled in the UK	Designed and Assembled in the UK																																
Machine Covers		Zintec - Power Coated - Colour / P8080 Silver / Eggshell / EP Metallic Zintec - Power Coated - Colour / PAL-9002 - Gloss Ripple	Zintec - Power Coated - Colour / P8080 Silver / Eggshell / EP Metallic Zintec - Power Coated - Colour / PAL-9002 - Gloss Ripple																																
Machine parts		Aluminium - Stainless Steel - Delrin	Aluminium - Stainless Steel - Delrin																																
Motors		UIRobot	UIRobot																																
Conveyor Belts		FORBO - 2 x 3mm - Suede Non-Woven Fabric / Conductive Polyester	FORBO - 2 x 3mm - Suede Non-Woven Fabric / Conductive Polyester																																
Controls - Tablet		Industrial Controller	Industrial Controller																																
Software		Developed in the UK	Developed in the UK																																
Anti Static System		KESD China	KESD China																																
Anti Static Bar		1 x KESD Bar	1 x KESD Bar																																
Pneumatics		ANGRUI	ANGRUI																																
Power Supply Unit		XP	XP																																
Bearings - Linear Rods etc		KONLON	KONLON																																
Alarm Beacon		QI-FENG	QI-FENG																																
Effective Cleaning width		200mm	200mm																																
Services	Electrical	85 - 265VAC	85 - 265VAC																																
	Power consumption	<200 Watts	<200 Watts																																
	Air Pressure	5 - 7 bar	5 - 7 bar																																
	Air Pipe	6mm OD	6mm OD																																
	Air Quality	Oil Free/Dry	Oil Free/Dry																																
	Air Consumption	0.62800L/Cycle	0.62800L/Cycle																																
Cleaning Rollers x 2	Base Material	Nanocleen - Urethane - 55Å NT™ - Silicone - 50Å	Nanocleen - Urethane - 55Å NT™ - Silicone - 50Å																																
	Overall Standard	ISO 6123 Class A - Part 1 - 2 - 3	ISO 6123 Class A - Part 1 - 2 - 3																																
	Straightness	0.1mm/m	0.1mm/m																																
	Roller Diameter	Ø 37.4mm	Ø 37.4mm																																
	Construction	Aluminium Tube & Stainless Steel Spigots	Aluminium Tube & Stainless Steel Spigots																																
Adhesive Roll x 1	Base Material	GAR - Moisture Stable Paper - Temp Max 80°C / Min 5°C SAR - Moisture Stable Paper - Temp Max 80°C / Min 5°C AREF - ECO - Polypropylene - Temp - Max 80°C / Min 5°C Water Based Acrylic Adhesive	GAR - Moisture Stable Paper - Temp Max 80°C / Min 5°C SAR - Moisture Stable Paper - Temp Max 80°C / Min 5°C AREF - ECO - Polypropylene - Temp - Max 80°C / Min 5°C Water Based Acrylic Adhesive																																
	Diameters - Ø	ID - 76mm / OD - 100mm	ID - 76mm / OD - 100mm																																
Machine Weight		130Kg	130Kg																																
Load Per Standing Foot		318N	318N																																
Stand Options		Stand - 900mm ± 50mm	Stand - 900mm ± 50mm																																
Operation	Mode	2 x Independent Lanes 1 & 2 Clean & Holding Conveyor Uni-Directional flow	1 Lane Clean & Holding Conveyor Uni-Directional flow																																
	Flow direction	L - R or R - L	L - R or R - L																																
	Speed Range	2 - 22m/min	2 - 22m/min																																
	Speed Accuracy	0.1m/min - 99.9%	0.1m/min - 99.9%																																
Board Processing per Lane																																			
Single Side Cleaning	Min - Max Length	50mm - 300mm	50mm - 300mm																																
	Min - Max Width	40mm - 200mm	40mm - 400mm																																
	Min - Max Thickness	0.6mm - 3.5mm	0.6mm - 3.5mm																																
By-Pass No Cleaning	Min - Max Length	50mm - 300mm	50mm - 300mm																																
	Min - Max Width	40mm - 200mm	40mm - 400mm																																
	Min - Max Thickness	0.6mm - 3.5mm	0.6mm - 3.5mm																																
Board Holding Conveyor per Lane																																			
	Min - Max Length	50mm - 300mm	50mm - 350mm																																
	Min - Max Width	40mm - 200mm	40mm - 400mm																																
	Min - Max Thickness	0.6mm - 3.5mm	0.6mm - 3mm																																
Operating Functions		Fixed Rails 1 & 3 - Moving Rails 2 & 4 Top Clean with Brush Support per Lane By-Pass Mode per Lane Brush and Vacuum on Entry per Lane - Optional	Fixed Rail Front or Rear Top Clean with Brush Support per Lane By-Pass Mode Brush and Vacuum on Entry per Lane - Optional																																
Communications		SMEMA - per Lane Hermes - controls each lane independantly M2M on request Stand Alone - Manual control	SMEMA Hermes M2M on request Stand Alone - Manual control																																
Option		BOFA or Alternative " Vacuum Extraction System "	BOFA or Alternative " Vacuum Extraction System "																																
BOFA - DP 400	Specification	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	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																																
Static Monitoring Sensors	SMC - Electrostatic Sensor	 <p>The diagram illustrates the SMC Electrostatic Sensor. It shows a sensor head with a detection hole. A detection range is indicated by a cone extending from the hole. The detection distance is the vertical distance from the sensor head to the detection range. A second view shows the sensor head and detection hole in a different orientation.</p>																																	
		<table border="1"> <tr> <td>Potential measurement</td> <td>±0.4 kV (at detection distance: 25 mm)</td> </tr> <tr> <td>Output voltage</td> <td>1 to 5 V (Output Impedance: Approx. 100 Ω)</td> </tr> <tr> <td>Effective detection distance</td> <td>10 to 50 mm</td> </tr> <tr> <td>Linearity</td> <td>±5% F.S. (0 to 50°C, at detection distance: 25 mm)</td> </tr> <tr> <td>Output delay time</td> <td>100 ms or less</td> </tr> <tr> <td>Power supply voltage</td> <td>24 VDC ±10%</td> </tr> <tr> <td>Current consumption</td> <td>40 mA or less</td> </tr> <tr> <td>Operating ambient temperature</td> <td>0 to 50°C</td> </tr> <tr> <td>Operating ambient humidity</td> <td>35 to 85% Rh (with no condensation)</td> </tr> <tr> <td>Material</td> <td>Head case : ABS Amplifier case : ABS</td> </tr> <tr> <td>Vibration resistance</td> <td>Durability 50 Hz Amplitude 1 mm X, Y, Z each 2 hours</td> </tr> <tr> <td>Shock resistance</td> <td>100 m/s²</td> </tr> <tr> <td>Weight</td> <td>185 g (including cable weight)</td> </tr> <tr> <td>Compliance with EN standards</td> <td>Protective class : Class III (EN60950-1) Pollution Degree 3 CE marking : Low voltage directive : 73/23/EEC, 93/68/EEC</td> </tr> <tr> <td>EMC directive</td> <td>89/336/EEC, 92/31/EEC, 93/68/EEC, 2004/108/EC</td> </tr> <tr> <td>UL standard</td> <td>UL508</td> </tr> </table>		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 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
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