

SPECIFICATIONS

Automatic Conformal Coating Machine C5 @ Smartlink-SMT

Automatic Conformal Coating Machine C5		
	C5 (Standard)	C5 (optional Configuration)
Dimensions (L x W x H)	956 x 1.512 x 1.640 mm	
Weight	approx. 700 kg	
Valve structure	3 valves(Work independently)	3 valves (2 front valves work simultaneously)
Tilt angle	35° tilt angle for 2 front valves	35° tilt angle for 2 front valves
Valve pitch for simultaneous coating	N.A.	60 – 120 mm adjustable
Valve pitch adjustment mode	N.A.	Manual
Valves included as standard	CS-05, PD-01, FS-30	2 x CS-05, PD-01
Optional valves	N.A.	FS-30
No. of axis movement	4 (X, Y, Z, U ±180°)	
Rotation angle	±180°	
Drive type	Closed loop servo motor	
X, Y travelling speed	1 - 800 mm/s	
Practical working speed	10 - 200 mm/s	
X, Y repeatability	± 25 Micro meter	
Effective coating area (L x W)	460 x 460 mm	
Z-axis movement	100 mm	
Communication port	SMEMA 4 Pins	
Handling system		
Conveyor type	Stainless steel	
Board clearance	Top: 100 mm, Bottom: 100 mm	
Edge clearance	5 mm	
Conveyor height	900 ± 20 mm	
Conveyor speed	Max. 750 mm/s (Stepper motor control)	
Conveyor direction	Left to right (Option: Right to left)	
Conveyor width	50 - 460 mm (Auto adjustment)	
Factory Requirements		
Power supply	230 V AC (Single phase)	
Total power	2,5 kW	
Exhaust requirement	Mind. 5 m³/min (150 mm diameter ducting)	
Compressed air requirement	Min. 6 bar, 400 L/min	
Options		
Exhaust flowrate auto detection & alarm		
Automatic conveyor width adjustment (Software controlled)		
ESD grounding point		
PCB/Pallet clamping system		
Auto material level detection & alarm		
LED UV lamps for visual inspection		
Voltage stabilizer & UPS		
Auto valves dipping & purging with waste collection system		
1 material tank (1 gallon)		
1 tank holder with weighing scale for material level auto detection & alarm		
Auto valves for dipping & purging with waste collection system		
Needle calibration station (For PD-01 coating valves)		
CCD vision camera		
Double indexing (for long boards up to 600 mm)		
Barcode/2D code scanning function (With Keyence SR-710)		
Pallet return conveyor (manual width adjustment)		

All technical data has been carefully checked; however, we assume no liability for its accuracy or completeness.
Subject to change without notice.