

NEW 3D Solder Paste Inspection Machine for Dual Lane VP9000LD

CKD New Line Up Dual lane model with High Efficiency



High-precision
Inspection



Multiple Resolution Switch



High Speed Inspection
Option Supported



User-friendly GUI



Specifications Table

		Standard Machine			High Speed Machine		
Inspection Method		Phase Shift Method					
PCB Size		50mm×50mm ~ 510mm×330mm					
PCB Thickness		0.3mm to 5.0mm (max. 3kg)					
Projection		Dual Projectors			Single Projector		
Inspection Resolution (μm)		Digital Switching Method (3 stages)					
		25/12.5/8.5	20/10/7	15/7.5/5	25/12.5/8.5	20/10/7	15/7.5/5
Inspection Speed (mm²/sec)	Standard	8900	5600	1900	9400	6000	2000
	High Resolution	5700	3500	1200	6000	3700	1300
	Super High Resolution	3200	1900	650	3300	2000	700
PCB Warping Compensation		max.5mm					
Utilities		Power Supply: Single Phase AC200V to 240V 50/60Hz MAX 1KVA Air: 0.3MPa to 0.4MPa 2.0NL/min Hose Diameter ø 8 mm					

Lane Specifications (fixed before shipment)

1-4 Fixed	1-3 Fixed
<p>4. Rail (Rear lane (Fix))</p> <p>3. Rail (Rear lane (Movable))</p> <p>2. Rail (Front lane (Movable))</p> <p>1. Rail (Front lane (fix))</p> <p>Designated Dimension(B2) MIN 50mm</p> <p>Designated Dimension(B1) MIN 50mm</p> <p>Designated Dimension(A) MAX 710mm</p> <p>Designated Dimension A : $150 \leq A \leq 710$ [mm]</p> <p>Designated Dimensions B1/B2 : $B1+B2+50[\text{mm}] \leq A$</p>	<p>4. Rail (Rear lane (Movable))</p> <p>3. Rail (Rear lane (Fix))</p> <p>2. Rail (Front lane (Movable))</p> <p>1. Rail (Front lane (fix))</p> <p>Designated Dimension(B2) MIN 50mm</p> <p>Designated Dimension(B1) MIN 50mm</p> <p>Designated Dimension(A) MAX 710mm</p> <p>Designated Dimension A : $100 \leq A \leq 660$ [mm]</p> <p>Designated Dimensions B1/B2B1/B2 : $B1+50[\text{mm}] \leq A$ $A+B2 \leq 710[\text{mm}]$</p>



Cycle time of SPI can be sometimes a bottleneck.

We'd like to increase resolution, but it will cause a production cycle time over.



CKD solves such issues with our inspection option !

3D Solder Paste Inspection Machine VP9000

High Speed Inspection Option

- ☒ Convertible even on inline condition as it is
- ☒ Not need to recreate inspection program
- ☒ Available for 10 μ m Horizontal Resolution



■ Inspection speed

Horizontal Resolution	Projector	Standard Speed(mm ² /sec)
21 μ m	Single	6,000
	Twin	5,700
15 μ m	Single	3,300
	Twin	3,200

High-speed Option

12,000

11,000

6,500

6,000

※The above is the theoretical value of motion speed, and it is different from the actual inspection speed.

Get detail information from sales representative .

CKD Corporation Automatic Machinery Business Division,
Sales Administration Department, Industrial Machinery Sales Department



Inquiries



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