

MODEL : Mx310



CHIP MOUNTER(MIRAE)

Sector	Mx-310T	Mx-310S	Mx-310QP	Mx-310HP
Type	Double Gantry		Gantry	
Centering	Vision			
Head	16Heads		4 Heads	6 Heads

Sector		Mx-310T	Mx-310S	Mx-310QP	Mx-310HP
Performance					
Optimal Condition	Chip (0603)	0.09 sec/chip		0.24 sec/chip	0.20 sec/chip
	SO IC - 16	0.18 sec/SO IC		-	-
	QFP	N/A		0.55sec/QFP	0.44sec/QFP
PC - 9850 CPH	Chip	36,000 CPH	28,000 CPH	12,000 CPH	14,000 CPH
	QFP(208)	N/A		4,000 CPH	5,000 CPH
	Chip(3 )	±0.065mm		±0.057mm	
	QFP(3 )	N/A		±0.025mm	
Component Range					
Modular Head with Component types		Chips,Can Caps,Discrete Tx/Dx,Small ICs			N/A
FOV17	All spindle	0402 ~ 5mm square			N/A
	Alternate spindle	0402 ~ 12mm square			N/A
FOV24	All spindle	N/A			
	Alternate spindle	N/A			
Precision Head	All spindle	N/A		~ 23mm square	
	Alternate spindle	N/A		~ 43mm square	
FOV24	Single FOV	N/A		0402 ~ 18mm square	
	Component	N/A		Chips, Can Caps, Discrete Tx/Dx, Small ICs	
FOV36	Single FOV	N/A		~ 32mm square	
	Multiple FOV	N/A		~ 50mm square	
	Component	N/A		QFP,BGA,Connectors	
FOV08	Single FOV	N/A			
	Multiple FOV	N/A			
	Component	N/A			
FOV80 Line	Single FOV	N/A		~ 70 x 150mm	
	Component	N/A		QFP,BGA,Connectors	

Sector		Mx-310T	Mx-310S	Mx-310QP	Mx-310HP
Minimum Lead Pitch	FOV24	N/A		0.30mm	
	FOV36	N/A		0.38mm	
	FOV08	N/A			
	FOV80	N/A		0.30mm	
Board and Transport Parameters					
Board Size (mm)	Min.(LxW xT)	50 x 50 x 0.4			
	Max.(LxW xT)	530x460x5.0 / 660x460x5.0 (op.)			530x460x5.0/580x460x5.0 (op.)
	Thin(LxW xT)	300 x 250 x 5.0	N/A		
	Weight (max.)	2.5kg	3.0kg		
Board Clearance	Top side	10.5mm		20mm	
	Bottom side	20mm			
	Edge	4mm	3mm		
Board Transfer	Transport Type	Buffered 4 stage	Buffered 3 stage		
	Speed (Max.)	500mm /sec Programmable			
	Fixed Conveyor	Front			
	Transport Height	37.5" ± 0.5" SMEMA / 900mm+30mm , -10mm (Option)			
	Transport Direction	Left to Right (Standard), Right to Left (Option)			
	Board Clamping	Edge Clamps			
	Board Support	Push-up Pins			
Transport Features	Auto Board Width Adjust & Soft Stop				
General Specifications					
Tape Feeders (8mm)	100ea				
Feeder Sizes Supported	8(std),12,16,24,32,44,56,72mm				
Other Feeder	N/A		Manual Tray, 20 Tray, Vibration Stick Feeder, Slim -TFU	Manual Tray, 20 Tray, Vibration Stick Feeder, Slim -TFU, Dual TFU	
Power	3 phase 200 / 208 / 220 / 230 / 240 [V] 50/60Hz				

Sector	Mx-310T	Mx-310S	Mx-310QP	Mx-310HP
Power Consumption	Approx. 5.7 KVA		Approx. 4.1 KVA	
Air Pressure	0.54Mpa			
Air Consumption	Approx. 500 Nl/m in		Approx. 450 Nl/m in	
Weight	2400kg	2200kg	2000kg	
Dimension (LxW xH)mm	1600 x 2200 x 1400			
Maker	Mirae Co.,LTD.			

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