



ProMount WDM4

Desktop Mounter



Product Introduction:

PC monitor, 19 inch Dell display. It is with Multi-group industrial CCD camera solution, identification and correction system, 4 head pick and place at the same time. For the transmission structure, machine with HIWIN linear guider, Japanese belt, can achieve long-term high precision and stable mounting. Maximum support 38 pcs of 8mm Yamaha CL feeder stations. Also CSV, TXT coordinate file can be adopted. The maximum PCB size allowed: 350x450 mm, normally it is used for normal resistance, capacitance LED, chips, BGA etc. Mainly used for small production and prototyping business, with self-designed operating system for developers

Model	WDM4	Tubular Materials Feeder	Yamaha YV Feeder
Mounting Numbers	4 Pcs	IC Tray	Postposition 1 PC Tray
Mounting Precision	0.025 mm	X/Y Axis Moving Range	655x575 mm
Mounting Angle	0~360°	Z Axis Rotation Angle	0~360°
Theoretical Speed	7000 Pcs/h	Visual Camera	CCD High Definition Camera
Normal Mounting	6000 Pcs/h	Numbers of Visual	PCB Camera x1, Precision Identf. Camera x1, High Speed Identf. Camera x4
Visual Mounting	5000 Pcs/h	Recognition Capability	Max. 20x20 mm
Suction Nozzle Type	Juki Series Nozzle	PC System	Microsoft Win 7
Applicable Element	RC (0402, 0603, 0805, 1206 etc.)	Operational Software	R&D
	LED Lamp Beads (0603, 0805, 3014, 5050 etc.)	Compatible File Format	CSV, TXT Format
	Chip (SOT, SOP, QFN, BGA etc.)	Program Method	Support Online and Offline Ways
Allowable Components	<5.5 mm	Air Pressure	0.8 Mpa
PCB Minimal Size	10x10 mm	Vacuum Mode	Vacuum Generator
PCB Maximum Size	350x450 mm	Air Pressure	~80 Kpa
PCB Thickness	≤2 mm	Power	500 W
Type	Yamaha CL Feeder	Power Supply	AC220V±10% 50Hz
Feeder	8mm, 12mm, 16mm, 24mm, 32 mm	Outline Size	1185x840x560 mm
Feeder Locations	38 Pcs	Weight	123 Kg



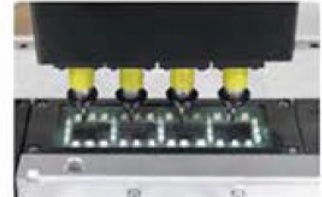
step servo system was adopted to improve the machine reliability and never lose step



Multi-grouped industrial CCD camera solutions are adopted to improve efficiency and precision.



HIWIN Linear Guide generates long term of high precise performance



To improve the machine adaptability, it is adopted 4 head synchronous identification and mounting solution