



SMD BOX MIMO

The increasing integration of electronic products has brought many challenges to the manufacturing process, the variety of materials has increased, the production lines have been replaced frequently, and the production mode of small batches and multiple varieties has brought many problems to the on-site material management.

How to solve real-time material tracking, timely material preparation, accurate feeding, tailings processing, first-in-first-out and other issues is the bottleneck to improve the informatization and automation innovation of the entire plant.



INDUSTRIAL INTELLIGENCE

TECHNICAL DATA SHEET

TERM	Parameter information	TERM	Parameter information
Equipment model	Offline	MSL management	Yes
Client operating system	Windows/Linux/Mac	Humidity log	Standard
Mobile support	Yes	Temperature log	Standard
Software access method	Browser	Maximum capacity	800 tray
Private Cloud	Yes	Storage time	8-12 seconds
Server operating system	LINUX/WINDOWS	Air drying system	option
LAN access	Yes	Nitrogen generator	option
Type of barcode	One-D/Two-D	Mounter communication	option
Scalability	Multimode can work online	MES communication	option
Type of materials			
Trays	Yes	Material box	Yes
Waffle plate	Yes	Circuit board	No
Tubular material	Yes	Solder paste	Yes
Types of tray			
7 inch	Standard	Maximum height	72mm
13 inch	Standard	Minimum height	8m
15 inch	Option	Weight	Maximum weight 10kg
In and out of the library			
Manual	Yes	Batch storage	Yes
Equipment information			
Power	4KW	Compressed gas	6-10bar
Current	10A	Overall dimension	1450×1450×2600mm
Work environment	15-30°C	Weight	450kg
Environmental requirement	10-60%	Source	220v
Noise level	50dB		

The batch in and out of the library can be realized, and the patented batch inbound and outbound library function can help the user realize the unmanned material in and out of the library management, and even according to the function of the mounter machine out of the library placement.



SMD BOX series products provide solutions for different customer needs, line configuration and application plant systems, and can quickly cut into the scene to provide solutions. The open source software design is compatible with various system integrations, helping users to build top-down in the shortest period. The intelligent material management system, combined with various types of automated peripheral equipment, provides a full range of solutions for electronics manufacturing companies to enter smart factories.



SMD BOX series products are equipped with the industry's first WES warehouse execution management system, which emphasizes the automation information integration of material logistics and the comprehensive connection with the user production environment, and effectively prevents information distortion that compared with the traditional WMS (material management system).

