



DP600 Series

Automated/ Semi-Auto Taping Machines

DP600 series is able to support different taping needs, designed to be simple and easy operated. DP600-A & DP600-M2A have both RS-232 & IO port for easy integration with automated systems. DP600-M2 is a desktop semi-auto taping machine that can work independently. DP600 series is the best taping solution for your SMT manufacturing process.



DP600-A

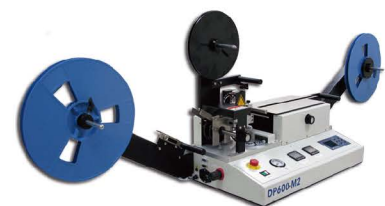
DP600A-MD (Ink Marker) / DP600A-MJ (Inkjet Marker)

- Mechanical accuracy: $\pm 0.04\text{mm}$
- PSA (press sensitive adhesive) and heat sealing
- Support up to 22" (550mm) input and 13" (330mm) output tape reel
- Support 8~88mm width carrier tape
- Support 32mm depth carrier tape
- RS-232 & IO interface, user can easily communicate with third party automatic systems
- Precise Ball Screw synchronous parallel adjustment of the rail width, adjust tape within 10 seconds without tools
- Sensor package: Empty Pocket Sensor, Floating Chip Sensor, Home Sensor, Cover Tape Sensor, and Carrier Tape Sensor
- Options: CCD camera and ink or inkjet marker
- Main size (W x D x H): 1150 x 450 x 1300mm



DP600-M2A

- Mechanical accuracy: $\pm 0.04\text{mm}$
- PSA and heat sealing
- Support 8~88mm width carrier tape
- Support 32mm depth carrier tape
- RS-232 & IO interface, user can easily communicate with third party automatic system
- Precise Ball Screw synchronous parallel adjustment of the rail width, adjust tape width within 10 seconds without tools
- Sensor package: Empty Pocket Sensor, Floating Chip Sensor, Home Sensor, Cover Tape Sensor, and Carrier Tape Sensor (customer needs to design and install the carrier tape reel holder by themselves)
- Option: CCD camera
- Main size (W x D x H): 1250 x 450 x 600mm



DP600-M2

- Mechanical accuracy: $\pm 0.04\text{mm}$
- PSA and heat sealing
- Support 8~88mm width carrier tape
- Support 32mm depth carrier tape
- Equipped with stepper to drive ratchet mechanism
- Precise Ball Screw synchronous parallel adjustment of the rail width, adjust tape width within 10 seconds without tools
- Option: CCD camera
- Main size (W x D x H): 1600 x 450 x 600mm



Product Type		Automated Taping Machine		Semi-Auto Taping Machine
Model Name		DP600-A	DP600-M2A	DP600-M2
Product Name		Automated Taping Machine	Automated Taping Machine (Desktop)	Semi-Auto Taping Machine
Input	Mechanical Accuracy	+/-0.04mm		
	Speed	Continuous type, 80mm/sec MAX		
Output	PSA Sealing	v	v	v
	Heat Sealing	v	v	v
	Carrier Tape Width	Support 8~88mm		
	Tape Depth	Support 32mm		
	Heat Temperature	0~260°C [32~500°F]		
Maximum Diameter of Tape (Input/Output)		Input: 22" (550mm) Output: 13" (330mm)	Customer needs to design their own input peripheral Output: 22" (550mm)	22" (550mm)
Third Party Interface	RS-232	v	v	x
Sensor	Empty Pocket Sensor	v	v	x
	Floating Chip Sensor	v	v	x
	Home Sensor	v	v	x
	Cover Tape Sensor	v	v	v
	Carrier Tape Sensor	v	v	x
Subsystem	CCD Camera	Optional		
	Ink/Inkjet Marker	Optional	x	x
Main System	Dimension (W x D x H)	1150 x 450 x 1300mm	1250 x 450 x 600mm	1600 x 450 x 600mm
	Weight	55kg	45kg	45kg
Operation Environment	Input Voltage	220-240Vac, 50/60Hz		
	Power/Power Consumption	0.44KVA		
	Air Pressure	0.5MPa (~5.0kg/cm ²)		
	Full-loaded Current	2A		
	Operation Temperature Range	15~40°C [59~104°F]		
	Relative Humidity	35~85%		
Control System	Control System	Microcomputer Control System		
	User Interface	LCD Keypad		



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DP600-A Automated Taping Machine

Model Name : DP600-A

Automatically pack IC into tape and reel. Able to attach various sensors and inspection system.



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Feature

DP600-A is a new generation Automated taping machine, which is designed to be simple and easy operated; tape width adjustment can be finished within 10 seconds without any tool. DP600-A supports devices packaged in 8~88mm width tape. With advanced characteristics, DP600-A offers the best solution for the manufacturing process.



Highlights

- Mechanical Accuracy +/- 0.04 mm.
- Support up to 22" (550mm) input and 13" (330mm) output tape reel.
- Supported 8~88 mm width tape
- Supported 32 mm depth carrier tape.
- RS232 interface easily communicates with third party automated system.
- PSA (Press sensitive adhesive) and heat sealing.
- CE Certificate.

Checking Systems

- **Cover Tape Sensor:** The sensor will alarm when running out of cover tape.
- **Empty Pocket Sensor:** Check if each pocket has carried an IC.
- **Floating Chip Sensor:** Check the floating IC.
- **Carrier Tape Sensor:** The sensor will alarm when running out of cover tape.

High Compatible

DP600-A is fitted with RS232/IO port for easy integration with the most automated system.

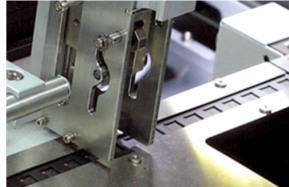
It has optional IC marker and CCD inspection devices thus allow DP600-A not only support automated system integration but also benefits the quality assurance, marking and packaging procedures in a production line.

2D Inspection System



Use CCD to check IC Appearance

Ink Marker



Stamp dot, number or letter on the IC with different colors.

Standard Package

- DP600-A Main Unit x 1
- User Manual x 1

Optional Accessories

- Ink Marker
- 2D Inspection System

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