![DediProg logo]

DediProg offers DP600 series which is designed for simple and easy operation as the best taping solution. No matter using PSA or Heating to seal tape, the DP600 series can meet your demand.

DP600 series provides 2 kinds of taping solutions :
- Automated Taping System with RS-232 and IO interface to integrate to DediProg's Automated Programming System or 3rd-Party Automated System.
- Semi-Automated Taping System is a desktop taping machine that can work independently.

Both kinds adapt different tape widths from 8mm to 88mm and support BGA, LQFP, QFN, SOP...etc, among them, DP600P can also support the CSP package.

DP600 Series

Automated/ Semi-Auto Taping Machines

Standard Type
(Device supports from 2*3mm)

- 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 DediProg automated systems
- Sensor package: Empty Pocket Sensor, Floating Chip Sensor Home Sensor, Cover Tape Sensor, and Carrier Tape Sensor
- Options: Inspection System/Marker
- Model: DP600-A, DP600A-MD, DP600A-MJH, DP600A-MJS

* MD refers to Ink Marker, MJ refers to inkjet Marker.

Customized Type
(Third party handler integration)

- 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 automated system
- 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)
- Options: Inspection System/Marker
- Model: DP600-M2A

Semi-Auto Type

- PSA and heat sealing
- Support 8~88mm width carrier tape
- Support 32mm depth carrier tape
- Equipped with stepper to drive ratchet mechanism
- Option: CCD camera
- Model: DP600-M2

Product Type		Automated Taping Machine		Semi-Auto Taping Machine
Model Name		DP600-A	DP600-M2A	DP600-M2
Input	Mechnical Accuracy	+/-0.04mm		
	Speed	Continuous type, 80mm/sec MAX		
Support IC	SOP/QFP/QFN/BGA	v	v	v
	CSP	x	x	x
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	22" (550mm) 13" (330mm)	Customer design their own input 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	Marking/Orientation Inspection System	Optional		
		0.38MP camera; detected mark and orientation of IC error		
	Ink Marker	Optional Dot for > 3mmx3mm IC; Character & number for > 4mm x 4mmIC	x	x
	Inkjet Marker	Optional Min Character height ≧ 2mm; Support IC size ≧ 3mm; Printable time ≦ 3hrs	x	x
	Ionizer	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	200±15% Vac, 40~60Hz		
	Power Consumption	0.44KVA		
	Air Pressure	0.5MPa		
	Full-loaded Current	2A		
	Operation Temperature Range	13~30°C (55~86°F)		
	Relative Humidity	35~90%(RH Non-Condensing)		
Control System	Control System	Microcomputer Control System		
	User Interface	LCD Keypad		

*Customer needs to integrate the DP600-M2A with third-party automation software on their own.

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