



High-Speed Dye-Sub Digital Color Printer

CP-D90DW

Compact
Fast-Printing
Outstanding print quality
User-friendly
System Flexibility
Support Multiple Sizes

CP-D90DW Specifications

Model		CP-D90DW			
Print Technology		Dye sublimation thermal transfer full color. Three-color face progressive printing (yellow, magenta, cyan) plus surface lamination			
Gradations		256 Gradations (8 bit per color, approx. 16.7 million colors)			
Print Resolution		300 DPI			
Print Finish		Glossy/Matte			
Paper Capacity	Thick-Grade Media (approx. 230µm)	89 x127mm (3.5x5")		450	
		102x152mm (4x6")		400	
		127x178mm (5x7")		230	
		152x203mm (6x8")		200	
		152x229mm (6x9")		180	
	Light Media (approx. 210µm)	102x152mm (4x6")		430	
		152x203mm (6x8")		215	
Print Speed*3	Print Size	Fine Mode	Auto Mode		Ultra Fine Mode
			Light Image	Dark Image	
	89 x 127mm (3.5x5")	approx. 8.4sec	approx. 16.8sec		
	102 x 152mm (4x6") *4	approx. 7.8sec	approx. 16.7sec		
	127 x 178mm (5x7")	approx. 13.2sec	approx. 28.8sec		
	152 x 203mm (6x8")	approx. 14.6sec	approx. 32.2sec		
	152 x 229mm (6x9")	approx. 16.2sec	approx. 35.8sec		
Interface		Hi-Speed USB Ver. 2.0			
Available Software Drivers		Windows®7/8/10(32bit/64bit)*1, MacOS®10.6~10.11*2			
Memory Size		128MB Volatile Memory for Temporary Retention. Data are erased after printing.			
Dimensions (WxDxH)		Approx. 275x365x237mm(10.8"x14.4"x9.3")			
Weight		Approx. 14kg (30.0lb)			
Power Supply		100-240V AC 50/60Hz			
Power Consumption		100-240V AC 50/60Hz 5.5A			
DC Output Terminals		12V / 2.0A max 5V / 2.0A max *5			
Accessories		Paper flange(1), Paper flange spacer(1), Ink cassette(1), Paper strip bin(1), Paper tray, AC power cord(120V), AC power cord(220-240V)(1), CD-ROM(1), Cable ties(2), Securing band/Screws/Washer(1set),Quick set up guide(1)			

*1: Windows® 7, 8 and 10 are registered trademarks of Microsoft Corporation in the United States and/or other countries.

*2: Mac OS X print driver are available on the website. Mac OS are trademarks of Apple Computer, Inc. in the United States and/or other countries.

*3: Does not include data transfer, printer initialization and paper feed times.

*4: Single print speed of 2-up print with CK-D768

*5: DC Power Output Terminals cannot be used simultaneously, only one can be active at any given moment.

Part names

Opening the door

Front panel

Panel (Right, Full View)

Panel (Left, Partial View)

Rear panel

1. ALARM INDICATOR

2. PAPER RIBBON INDICATOR

3. POWER INDICATOR

4. PRINT OUTLET

5. OPEN BUTTON

6. PAPER STRIP BIN

7. VENTILATION INLET

8. PRINTING UNIT

9. DOOR

1. VENTILATION INLETS

2. DC POWER SWITCH

3. 5V DC OUTPUT TERMINAL USB TYPE-A (2 A MAX.)

4. USB TERMINAL

5. POWER SWITCH

6. POWER SOCKET (AC LINE)

7. RECESSED AREA FOR TRANSPORTING

8. SECURING HOLES FOR THE CABLE TIE

9. HANDLE FOR TRANSPORTING

10. VENTILATION OUTLETS

11. 12V DC OUTPUT TERMINAL (2 A MAX.)

Air cooling direction flow

Front side

Thermal Head

Paper

Paper exit port

Rear side

Dust-Trapping Filter

Blows air out to prevent dust and dirt from entering from the front of the unit.

Fan

Power supply

CP-D90DW incorporates a separator design to distribute airflow separately to the power supply and the printing thermal head. The effective air cooling increases the throughput while reducing print contamination.

Consumables (Media, sold separately)

Model	Size	Prints per roll	Rolls per box	Thickness
CK-D735	89 x 127mm (3.5x5")	450 prints	2	approx. 230µm
CK-D746	102 x 152mm (4x6")	400 prints	2	
CK-D757	127 x 178mm (5x7")	230 prints	2	
CK-D768	152 x 203mm (6x8")*	200 prints	2	
CK-D769	152 x 229mm (6x9")*	180 prints	2	approx. 210µm
CK-D868	152 x 203mm (6x8")*	215 prints	2	

*Maximum size indicated. However, printer will still support printing multiple, smaller print sizes from this media model.



for a greener tomorrow

Eco Changes is the Mitsubishi Electric Group's environmental statement, and expresses the Group's stance on environmental management. Through a wide range of businesses, we are helping contribute to the realization of a sustainable society.



MITSUBISHI
ELECTRIC

DIGITAL COLOR PRINTER

Changes for the Better



ISO9001
JQA-0521

High-Speed Dye-Sub Digital Color Printer

CP-D90DW

Prints Fast with Exceptional Quality.
The New Mitsubishi Compact Dye-Sub Printer
to Expand Your Photo Printing Business.

Compact
Fast-Printing
Outstanding print quality
User-friendly
System Flexibility
Support Multiple Sizes



Outstanding product reliability and durability backed by Mitsubishi Electric's over 30 years of history in development and manufacture of dye-sub printers with over 100 thousand units installed worldwide.

for a greener tomorrow



*Average speed of a single print from 102x152mm(4x6") size 2-up prints in Auto mode, excluding data transfer time