High-Speed Dye-Sub Digital Color Printer

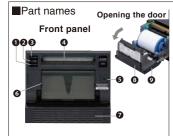
CP-D90DW

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

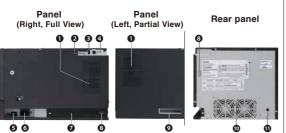
■CP-D90DW Specifications

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		89 x127mm (3.5x5")		450		
	Thick-Grade Media (approx. 230µm)	102x152mm (4x6")		400		
		127x178mm (5x7")		230		
		152x203mm (6x8")		200		
		152x229mm (6x9")		180		
	Light Media	102x152mm (4x6")		430		
	(approx. 210µm)	152x203mm (6x8")		215		
Print Speed*3	Print Size	Fine Mode	Auto	Mode	Ultra Fine Mode	
			Light Image	Dark Image		
	89 x 127mm (3.5x5")		. 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)					

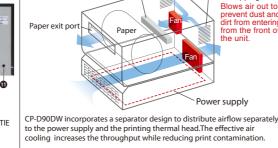
- *1: Windows® 7, 8 and 10 are registered trademarks of Microsoft Corporation in the United States and/or other countrie
- *2: Mac OS X print driver are available on the website. Mac OS are trademarks of Apple Computer, Inc. in the United States and/or other countries
- *3: Does not include data transfer, 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



- . 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



- VENTILATION INLETS 2. DC POWER SWITCH
 3. 5 V 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. 12 V DC OUTPUT TERMINAL (2 A MAX.)



■Air cooling direction flow

Front side

Consumables (Media, sold separately)

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

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



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 ustainable society

Rear side oust-Trapping Filter

MITSUBISHI ELECTRIC CORPORATION

HEAD OFFICE: TOKYO BLDG., 2-7-3 MARUNOUCHI, CHIYODA-KU, TOKYO 100-8310, JAPAN



Changes for the Better



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.



High-Speed Dye-Sub Digital Color Printer

CP-D90D'

Compact

The new, compact design of the CP-D90DW strategically minimizes protruding and hanging cables for a neat, space-saving installation.





excluding optional paper trav

One of the world's smallest footprint Providing overall space and cost savings in every system installation. *Among 400 prints class, an in-company investigation



CP-D70DW

CP-D90DW

82%

← 365mm →

The power socket keeps

the power cord neatly tucked, out of the way for a more streamlined installation.

User-friendly

CP-D90DW is designed for ease of use and quick maintenance with front-loading design for media.

Easy Media Loading











Smartphone Tablet

4. Close front door to complete the auto paper loading



- An energy-saving mode helps save operational cost by minimizing power consumption when on stand-by
- Long-life thermal head built with a coat of extra protective layer provides longevity and durability to minimize the total cost of ownership.
- Flanges attach easily to the paper roll by a quick pinch of latches.
- · Power switch is easily accessible from the front of the unit.

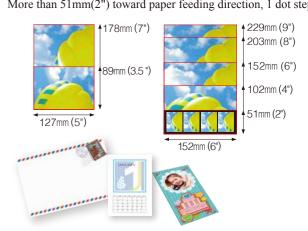
System Flexibility

With available DC output terminals of 5V 2A and 12V 2A, small, low-powered computer like Stick PC, or mobile devices can easily be powered through the printer, supporting a broader range of possible applications such as wireless printing, helping build a cost-efficient printing station more easily.



Support Multiple Sizes

CP-D90DW has a wide range of the media size lineup. Moreover, it supports various print sizes using a Software Development Kit for customize applications. More than 51mm(2") toward paper feeding direction, 1 dot step



Supports 2 Types of Paper

CP-D90DW is compatible with all Thick-Grade media used by the D70 series printers, as well as Light media with higher print counts per roll.

Efficient Rewind Function

The rewind function offers cost savings and work-flow efficiency. It maximizes media usage through support of printing multiple sizes using only a single type of media.

Outstanding print quality with High speed

Mitsubishi Electric's CP-D90DW comes with an Image Analyzing Engine built-in to enable faster printing without compromise on image quality. Each image received is built and analyzed within the printer processor with its print density and details analyzed and printed accordingly, yielding the best result with every photo printed.

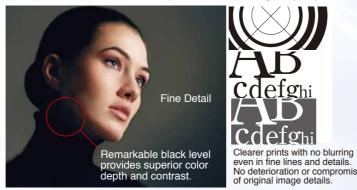
Deeper Black

Conventional Models



CP-D90DW

Prints photos with remarkable clarity, vivid colors, and higher quality finish.



New humidity sensor

The new, built-in humidity sensor restrains effect of humidity change and brings stable high quality.

All photo illustrations in this material are simulated only. Actual print samples need to be generated to see actual difference

Optimized "First print" speed

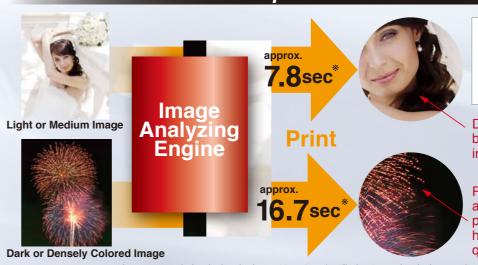
The built-in image processor of the CP-D90DW reduces the processing workload of external computers, cutting down the overall initialization time of the first print output of every job it receives.

Improved Throughput

The improved thermal head cooling design of the CP-D90DW allows it to print more than 450 102 x 152mm(4 x 6") prints per hour*.

*Average speed of a single print from 102x152mm(4x6") size 2-up prints in its best condition, excluding media reloading time.

Automatic Optimization of Printing Speed



Auto Mode

Printer's system engine analyzes incoming image data and optimizes printing speed automatically to achieve higher quality printed image in Auto Mode. In case priority is given to the throughput, the fastest print is available with using Fine Mode.

Despite printing in higher speed, deep black portions are sufficiently achieved in darker areas of the same photo.

Printing speed is adjusted to accommodate the requirement of printing a darker image photograph in higher density, producing a higher quality output.

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