

direct color systems™



Specifications – DCS Millennium 590	
Imaging Process	Digital Thermal Transfer Dye-Sublimation and Resin Printing
Resolution	300 DPI (11.8 dots/mm) and 300 LPI
Colors	Up to 16.7 million continuous tone colors
Print Speed	Approximately 35 seconds/blank full color (C,M,Y,K,O) Approximately 6 seconds/blank with resin monochrome Approximately 18 seconds/blank with monochrome on 10" (254mm) plate
Maximum Print Width	2.15" (54mm)
Maximum Print Length	3.37" (85.5mm) full color and 10" (254mm) monochrome
Accepted Blank Width	1" to 2.63" (25mm to 67mm)
Accepted Blank Length	3" to 10" (76mm to 254mm)
Accepted Blank Thickness	.010" to .062" (.254mm to 1.57mm) Sizes under CR-80, .062" (1.57mm) thick only
Blank Magazine Capacity	100 @ .030" and 50 @ .062" Plates over 2.5" x 3.7" (63.5mm x 94.0mm) are hand fed only.
Print Buffer	2MB RAM
Display	LCD display shows printer status and diagnostic prompts
System Requirements	See DCS web site for current minimum system guidelines
Software Drivers	Windows® 95/98, Windows ME, Windows 2000 Professional, Windows NT, Windows XP
Interface	Standard 8-bit Centronics-type parallel (ECP compatible; network compatible). Dedicated port required.
Power Source	100-240 VAC, 50/60 Hz
Operating Temperature	65°F to 80°F (18°C to 27°C)
Humidity	Non-condensing 20% - 60%
Dimensions	11.0"H x 13.75"W x 11.25"D (279mmH x 349mmW x 286mmD)
Weight	20.75 lbs. (9.4kg)
Agency Listings	Safety Standards: UL 1950, CSA C2.2 and TÜV-GS (IEC-950) Emission Standards: FCC Class A, CRC c1374, Class A and TÜV-EMC (IEC-801-2, -3, -4; CISPR 22, Class B), CE
Warranty	Printer - 1 year limited warranty Print Head - 1 year pro-rated limited warranty
Options	color byte™ Software Extended Warranty with Print Head coverage included ISO Magnetic Stripe Encoding Module, dual high- and low-coercivity, Tracks 1, 2 and 3
Ribbons, Blanks and Supplies	Available through direct color systems™ authorized distributors

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