imagePROGRAF MFP SOLUTION

Large Format Multifunctional Solution

The imagePROGRAF MFP M40 Solution is a powerful Scan-to-Copy / File / E-mail / Cloud and print solution that combines speed and precision with exceptional versatility.

iPF770 MFP

iPF780 MFP

iPF830 MFP

iPF840 MFP

iPF850 MFP

iPF785 MFP

Key features:

- Complete Scan-to-Copy / File / E-mail / Cloud Connectivity and Print Solution

- Customise your solution and choose from 6 configurations from 36" to 44"

- Scan at up to speeds of 13 inches per second for monochrome documents

- SingleSensor CIS Scanning with Bi-directional LED light system for incredible line definition and accuracy

- True 1,200 dpi optical resolution delivers exceptionally sharp, clean images

- Large, easy-to-use, 22" touch screen interface with dynamic preview

- Built for the way you work, Scan to PDF, JPEG and TIFF formats as standard

- 2,400 x 1,200 dpi printing with 4pl ink droplets for precise fine lines and detail

- SmartWorks MFP Software enables batch scanning and custom user presets for ultimate efficiency

- This complete workflow solution includes large format scanner, printer, reprographic stand, SmartWorks MFP Software and large touch screen monitor

- Optional 'SmartWorks MFP PLUS' software supports PDF/A, Multi-page PDF on the fly, Open & Print non SmartWorks PDF file, Colour Adjustment (RGB) in Preview and Auto crop borders

AVAILABLE IN
6
CONFIGURATIONS

TRUE 1,200 DPI RESOLUTION

HIGH SPEED SCANNING

PDF, JPEG & TIFF FORMATS

320 GB HARD DRIVE*

ECONOMY PRINTING MODE*

22" LCD TOUCH SCREEN

2.00 MM DOCUMENT THICKNESS

SCAN-TO-CLOUD & CLOUD-TO-PRINT

Canon

Specifications

imagePROGRAF MFP SOLUTION

SCANNER

MODEL	iPF770 MFP	iPF780 MFP	iPF785 MFP	iPF830 MFP	iPF840 MFP	iPF850 MFP
SCANNER TECHNOLOGY						
Technology	Contact Image Sensor (CIS) Technology Solid state fiber optic rod lens with 1:1 object sensor magnification					
Scan Speed	24-bit colour @200 dpi – 3 inches / sec. 8-bit grayscale & mono @200 dpi – 13 inches / sec.					
Scan Modes	16.7-million Colour RGB (24-bit) 256 colour RGB adaptive indexed color palette (8-bit) 256-level Grayscale (8-bit) Black and White (1-bit)					
Scan Accuracy	+/-0.1 % ; +/-1 pixel					
Resolution	Maximum: 1,200 dpi, Optical: 1,200 dpi, Variable: (100, 200, 300, 400, 600 dpi or 1,200 dpi)					
Maximum Image Width	40"/1016 mm					
Maximum Media Width	42"/1066.8 mm					
Maximum Scan Length	8m (JPEG / PDF), 15m (TIFF) depending on resolution					
Maximum Media Thickness	0.078"/2 mm					
External Power Supply	100-250 VAC autosensing +/- 10 %, 50-60 Hz					
Operating Environments	10 – 35°C, 35 – 80 % RH, non-condensing					
Scanner Power Consumption	Scanning: 40W Sleep mode power consumption: 1.35W Standby power: 0.3W (new Energy Star)					
Enviroment Certificates	CB, CE, FCC, UL, RoHS, ENERGY STAR®					
Monitor	22" Flat Panel Touch-Screen Display					
Included Software	SmartWorks MFP scan-to-file, copy, e-mail with real-time image viewer. Supports TIFF, JPEG, TIFF G4, and PDF.					
Physical Dimensions - (W x D x H) and Weight (Kg)	MFP Scanner: 1232 (W) x 270 (D) x 201(H)mm, Weight: 22 kg approx. MFP Stand & Scanner: 1117 (W) x 800 (D) x 1666 (H)mm Weight 62.1 Kg approx.					
OS Compatability	Windows 7/8.1 - 64 bit					
Scanner Interface	USB 3.0 High-Speed					
What's In The Box?	Calibration target. USB 3 cable for scanner & USB 2 cable for touch screen. Assembly Instructions for Stand for M40 Scanner, M series User Instructions and SmartWorks MFP Quick Start Guide					
Optional Software	SmartWorks MFP PLUS: Supports PDF/A, Multipage PDF on the fly, Open & Print non SmartWorks MFP PDF file, Colour Adjustment (RGB) in Preview and Auto crop borders					
Minimum Recommended PC Specification	Windows 7/8 - 32 bit. Intel Celeron, Core-Duo, Core-2-Duo or 2.8 GHz Hyper-Threading (HT) or AMD Dual-Core processors, 2GB RAM, High speed 7,200 rpm Serial ATA (SATA) HDD with minimum 2GB for applications and 20GB free for images, USB3 compatible data port for scanner connection. USB2 should not be used, VGA touch screen monitor. Supported screen resolutions: 17", 4:3, 1280 x 1024, 22", 16:9, 1920 x 1080					
Suggested PC specification	Windows 7/8 - 64 bit. Intel i3, i5 or i7 processors, 4GB RAM, SATA 6.0Gbit / sec, USB 3 on the motherboard and SATA 6.0Gbit 7,200 rpm HDD controller, USB 3 compatible data port for scanner connection. (Manufactured PCs with an integrated USB 3.0 motherboards with Intel chipset are recommended. Pre-configured USB 3 PCIe add-in cards are acceptable). USB 2 should not be used. M series scanners are not compatible with the Etron USB 3 chipset. VGA touch screen monitor. Supported screen resolutions: 17", 4:3, 1280 x 1024, 22", 16:9, 1920 x 1080					

PRINTER

MODEL	iPF770 MFP	iPF780 MFP	iPF785 MFP	iPF830 MFP	iPF840 MFP	iPF850 MFP
PRINTER TECHNOLOGY						
Printer Type	5 Colour - 36"/914.4 mm			5 Colour - 44"/1117.6 mm		
Print Technology	Canon Bubblejet on Demand 6 colours integrated type (6 chips per print head x 1 print head)					
Number of Nozzles	Total: 15,360 MBK: 5,120 nozzles C, M, Y, BK: 2,560 nozzles each colour					
Print Resolution	2,400 x 1,200 dpi					
Nozzle Pitch	1,200 dpi x 2 includes Non-firing nozzle detection and compensation system					
Guaranteed Minimum Line Width	0.02 mm					
Line Accuracy	±0.1 % or less					
Ink Droplet Size	4 Picoliter per colour					
Ink Capacity	Bundled Starter Ink: C,M,Y,Bk, MBk 90 ml Sales Ink: C,M,Y,Bk, MBK 130 ml	Bundled Starter Ink: C,M,Y,Bk 90 ml / MBk 130 ml Sales Ink: C,M,Y,Bk, MBk 130 ml or 300 ml		Bundled Starter Ink: C,M,Y,Bk, MBk 330 ml Sales ink: C,M,Y,Bk, MBk 330ml or 700 ml		
Ink Type	Dye / Pigment Reactive Ink Dye: Cyan, Magenta, Yellow, Black Pigment: Matte Black					
Printer OS Compatibility	**Windows 32 bit –** XP, Vista, 7, 8, 8.1, Server 2003/2003R2, Server 2008 **Windows 64 bit –** Vista, 7, 8, 8.1, Server 2003/2003R2, Server 2008/2008R2, Server 2012/2012R2 **Mac: OSX –** 10.6.8 - 10.10.x					
Printer Languages	GARO (Graphic Arts language with Raster Operations), HP-GL/2, HP RTL					
Standard Interfaces	USB 2.0 High-Speed IEEE 802.3 10base-T IEEE 802.3u 100base-TX/Auto-Negotiation IEEE 802.3ab 1000base-T/Auto-Negotiation IEEE 802.3x Full Duplex IEEE 802.3az EEE					
Standard Memory	256 MB	32 GB (Physical memory 256 MB)		32 GB (Physical memory 512 MB)		
Hard Drive	N/A	320 GB				
Software Included	Canon Printer Driver, Status Monitor / Print Monitor, ExtraKit – Free Layout and iR enlargement Copy, Printer Driver Optimization Module for AutoCAD, Media Configuration Tool, PosterArtist Lite (PC only), Print Plug-in for Microsoft® Word / Excel / PowerPoint (PC only) Direct Print & Share utility, Custom Installer Creation Tool					
Media Width	Roll Paper: 10"/254 mm – 36"/914.4 mm Cut Sheet: 8"/203.2 mm – 36"/917 mm	Roll Paper: 10"/254 mm – 44"/1117.6 mm Cut sheet: 8"/203.2 mm – 44"/1117.6 mm		2 x Roll Paper: 10"/254 mm – 44"/1117.6 mm		
Media Thickness	Roll Unit: 0.07 – 0.8 mm Manual Feed: 0.07 – 0.8 mm					
Maximum Print Length	18 m (varies according to the OS and application)					

NOTE: Specifications subject to change, refer to printer data sheet for more details regarding each printer.

Some images are simulated for clarity of reproduction. All data is based on Canon's standard testing methods. This leaflet and the specifications of the product have been developed prior to the date of product launch. Final are subject to change without notice.™ and ®: All company and/or product names are trademarks and/or registered trademarks of their respective manufacturers in their markets and/or countries.

Canon recommends you use Canon Media for the best results. Please check media (paper) compatibility list to see which variety of paper/media is recommended.

Genuine Canon ink cartridges are developed together with Canon large format printers as an important part of the large format printer printing system. Advanced technologies achieved by our research and development activities are incorporated into these ink cartridges. For optimum performance of Canon large format printers, Canon recommends use of genuine Canon ink cartridges.

imagePROGRAF

FINE Full-photolithography Inkjet Nozzle Engineering

L-COA

PosterArtist

Canon