



imagePROGRAF TC-21 M

UNLEASH LARGE FORMAT INNOVATION IN SMALL SPACES

A large-format, compact and sustainable 24" desktop printer with built-in A4 flatbed scanner offers versatile functionality and professional quality, for small offices in AEC segment, retail shop, hospitality, school, regardless of budget and space constraints.

BENEFITS

- **First-of-its-kind versatility**
The TC-21M has a built-in A4 flatbed scanner, not limited to simple scanning. It enlarges prints up to A0, creates posters by scanning several images, copies and repeats images to create personalised wrapping paper and smaller labels, without relying on digital source files, unleash endless creativity.
- **Affordable high quality**
Variety of prints can be created without relying on digital source files. Time is saved in trimming posters printed with minimised margins. High-quality pigment inks with advanced image processing, result in denser colours and sharper image². These lead to impactful prints without compromise on quality.
- **Smooth workflows**
Easily set up with shaftless roll holder and simplified procedure. The tiltable operation panel allows a better view of information. The built-in auto-sheet feeder allows printing without intervention, supports different applications with various cut sheet sizes. Print from a USB memory¹ without PC operation and produce smaller or larger prints with scanning function.
- **Best office support**
The TC-21M adds more value than typical office devices with its all-in-one scanning, copying, and printing capability, using cut sheets or roll paper as needed. Besides printing standard documents, you can enlarge materials such as notifications and posters to large format, up to A0 size, and shrink larger materials to create name tags or labels.
- **Green at heart**
Meet your sustainability goals with an EPEAT Gold³ rating for its energy efficiency, packaging free from expanded polystyrene foam (EPS), and usage of 40% recycled plastic. Recyclable 70ml plastic ink bottles reduce ink replacement frequency. Reduced operation noise level makes it ideal for quiet environment.

1. Please refer to 'Printer languages' under 'Printer Technology' in the specification
2. Compare to predecessor - ImagePROGRAF TC-20M
3. EPEAT Gold registered in the U.S.

TECHNICAL SPECIFICATIONS

imagePROGRAF TC-21 M

PRINTER TECHNOLOGY		Margins Printable area	
Printer Type	4 Colour 24"	Roll paper: Top: 5mm, Bottom: 5mm, Side: 5mm (some photo mode: Top: 30mm, Bottom: 30mm) Roll paper (minimal margin print): Top: 0mm, Bottom: 0mm, Side: 0.5mm Cut sheet: Top: 5mm, Bottom: 5mm, Side: 5mm	
Print Technology	Canon Bubble jet on Demand 4 colours integrated type (4 chips per print head x 1 print head)	Media Feed Capacity	
Print Resolution	2,400 x 1,200 dpi	Roll Paper: One roll Cut Sheet: A4, Letter: 100 sheets (plain paper) A3, B4, Ledger, Legal, 10" x 12", 10" x 15": 50 sheets (plain paper) FS, Foolscape, ARCH A, C4, B-OFCIO, M-OFCIO: 10 sheets (plain paper) Others: 1 sheet	
Number of Nozzles	Total : 4352 nozzles BK: 1280 nozzles C, M, Y : 1024 nozzles each	Media Take-up roll unit	
Line Accuracy	±0.1% or less User adjustments necessary. Printing environment and media must match those used for the adjustments.	N/A	
Nozzle Pitch	1,200 dpi x 2 lines	Borderless Printing Width (Roll Only)	
Ink Capacity	Bundled Starter Ink: 280ml (70mlx4 for BK, C, M, Y) Sales Ink: 70ml (BK, C, M, Y)	Maximum number of delivered prints	
Ink Type	Pigment inks: 4 colour BK/C/M/Y	POWER AND OPERATING REQUIREMENTS	
OS Compatability	32 Bit: Windows7, Windows 8.1, Windows 10 64 Bit: Windows 7, Windows 8.1, Windows 10, Windows 11, Windows Server 2008R2, 2012, 2012R2, 2016, 2019, 2022, 2025 Apple Macintosh: macOS 11.7.10~macOS 14.15	Power Supply	
Printer Languages	USB Memory Direct Print: PDF ¹ , JPEG (Exif ver2.2/2.21/2.3)	Power Consumption	
Others Supported Job Submission Protocol	Apple AirPrint, Mopria, Chrome OS	Operation: Approx. 28W Sleep mode: Approx. 2.3W Default setting for the time to enter the Sleep mode: Approx. 5 minutes Power off: Approx. 0.07W	
Standard Interfaces	USB A Port: USB Memory (Direct Print) - PDF ¹ /JPEG (Exif ver2.2/2.21/2.3) USB B Port: Hi-Speed USB Ethernet: IEEE802.3u(100BASE-TX) / IEEE802.3(10BASE-T) Wireless LAN ² : IEEE802.11n/IEEE802.11g/IEEE802.11b/IEEE802.11a/IEEE802.11ac	Operating Environment	
SCANNER TECHNOLOGY		Temperature: 15~30°C, Humidity: 10~80% RH (no dew condensation)	
Scanner Type	Flatbed CIS colour scanner	Acoustic Noise (Pressure / Power)	
Scanner Resolution ³ (Optical)	Main scan X sub scan: 1200 x 2400 dpi	Operation: Approx. 41.5 dB(A) (Plain paper, Standard mode, Line Drawing / text mode) Standby: 35 dB(A) or less (Measured on ISO 7779 standard)	
Scanning Depth (Input/Output)	Colour: RGB each 16bit / each 8bit Greyscale: 16bit / 8bit	Regulations	
Line Scanning speed	Colour: 3.5 ms/line at 300 dpi Greyscale / Monochrome: 1.5 ms/line at 300 dpi	Environment Certificates	
Maximum Document Size	A4/LTR(216 x 297mm)	DIMENSIONS AND WEIGHT	
MEMORY		Physical Dimensions and Weight	
Standard memory	1GB Expansion slot: No	W x D x H Main Unit 968 x 533 x 245 mm (ASF closed, operation panel not tilted) 968 x 593 x 245 mm (ASF closed, operation panel tilted) 968 x 613 x 395 mm (ASF opened, operation panel tilted) 34 kg (exclude ink bottle, include print head)	
Hard Drive	N/A	Main Unit + Desktop Basket (BU-06) 968 x 595 x 965* mm (ASF closed, operation panel not tilted, basket closed) 968 x 845 x 1115* mm (ASF opened, operation panel tilted, basket opened) 35 kg (exclude ink bottle, include print head) *Height above which cloth does not touch the floor when opening the desktop basket.	
PRINT SPEED		Main Unit + Stand + Basket (SD-24) 968 x 720 x 874 mm (ASF closed, operation panel not tilted, basket closed) 968 x 868 x 1024 mm (ASF opened, operation panel tilted, basket opened) 44 kg (exclude ink bottle, include print head)	
CAD Drawing:	Plain paper (A1, B&W): 0:30 (Standard) Plain Paper (A1, Colour): 1:00 (Standard)	Packaged Dimensions and Weight	
Poster	Plain Paper (A1) 1:01 (Draft) 1:51 (Standard) Coated Paper (A1) 2:42 (Draft) 4:23 (Standard)	Printer (Main unit): 1120 x 726 x 406 mm, 46kg Desktop Basket (BU-06): 798 x 301 x 111 mm, 2.0kg Stand + Basket (SD-24): 1058 x 826 x 270mm, 20kg	
MEDIA HANDLING		WHAT'S INCLUDED	
Media Feed and Output	Roll Paper: One Roll, Front-loading, Front Output Cut Sheet: Auto sheet feeder, Face-up, Front side	What's in the Box?	
Media Width	Roll paper : A3, A2, A2+, A1, B2, B3, 18", 24", 17" Cut sheet: A3, A4, A5, A6, B4, B5, B6, C4, Ledger, Letter, Legal, Foolscape, Executive, ARCH A, Photo (10"x12", 10"x15", 8"x10", 7"x10", 5"x7", 4"x6"(KG), 2L, L), Envelope (Com 10, DL, C5, Monarch), B-Oficio, M-Oficio, user-defined size (width: 89 mm - 297 mm, length: 127mm - 1200 mm)	Software Included	
Media Thickness	Roll/Cut : 0.08mm - 0.28mm	OPTIONS	
Minimum Printable Length	Roll paper: 203.2mm Cut sheet: 127mm	Optional Items	
Maximum Printable Length	Roll paper: 4m Cut sheet: 1200mm	CONSUMABLES	
Maximum Media Roll Diameter	110mm	User Replaceable Items	
Media Core Size	Internal diameter of roll core: 2"	Ink Tank: PFI-050 (70ml) Print Head: PF-08 Maintenance Cartridge: MC-32	
Margins Recommended area	Roll paper: Top: 5mm, Bottom: 5mm, Side: 5mm (some photo mode: Top: 30mm, Bottom: 30mm) Cut sheet: Top: 5mm, Bottom: 5mm, Side: 5mm		

1. PDF supports only files generated by imagePROGRAF TC-21M and Canon IJ Scan Utility software
2. Please refer to user manual how to activate/deactivate the wireless LAN
3. Optical resolution is based on the ISO 14473 standard and represents the maximum sampling rate for scanning documents.
4. EPEAT Gold registered in the U.S.

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