

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 image[2]. 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 memory[1] 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 Gold[3] 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.

Canon

TECHNICAL SPECIFICATIONS

imagePROGRAF TC-21 M

PRINTER TECHNOLOGY	
Printer Type	4 Colour 24”
Print Technology	Canon Bubble jet on Demand 4 colours integrated type (4 chips per print head x 1 print head)
Print Resolution	2,400 x 1,200 dpi
Number of Nozzles	Total : 4352 nozzles BK: 1280 nozzles C, M, Y : 1024 nozzles each
Line Accuracy	±0.1% or less User adjustments necessary. Printing environment and media must match those used for the adjustments.
Nozzle Pitch	1,200 dpi x 2 lines
Ink Capacity	Bundled Starter Ink: 280ml (70mlx4 for BK, C, M, Y) Sales Ink: 70ml (BK, C, M, Y)
Ink Type	Pigment inks: 4 colour BK/C/M/Y
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
Printer Languages	USB Memory Direct Print: PDF[1], JPEG (Exif ver2.2/2.21/2.3)
Others Supported Job Submission Protocol	Apple AirPrint, Mopria, Chrome OS
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
SCANNER TECHNOLOGY	
Scanner Type	Flatbed CIS colour scanner
Scanner Resolution[3] (Optical)	Main scan X sub scan: 1200 x 2400 dpi
Scanning Depth (Input/Output)	Colour: RGB each 16bit / each 8bit Greyscale: 16bit / 8bit
Line Scanning speed	Colour: 3.5 ms/line at 300 dpi Greyscale / Monochrome: 1.5 ms/line at 300 dpi
Maximum Document Size	A4/LTR(216 x 297mm)
MEMORY	
Standard memory	1GB Expansion slot: No
Hard Drive	N/A
PRINT SPEED	
CAD Drawing:	Plain paper (A1, B&W): 0:30 (Standard)
	Plain Paper (A1, Colour): 1:00 (Standard)
Poster	Plain Paper (A1) 1:01 (Draft) 1:51 (Standard)
	Coated Paper (A1) 2:42 (Draft) 4:23 (Standard)
MEDIA HANDLING	
Media Feed and Output	Roll Paper: One Roll, Front-loading, Front Output Cut Sheet: Auto sheet feeder, Face-up, Front side
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, Foolscap, 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)
Media Thickness	Roll/Cut : 0.08mm - 0.28mm
Minimum Printable Length	Roll paper: 203.2mm Cut sheet: 127mm
Maximum Printable Length	Roll paper: 4m Cut sheet: 1200mm
Maximum Media Roll Diameter	110mm
Media Core Size	Internal diameter of roll core: 2”
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
Margins Printable area	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: Approx. 0.5mm Cut sheet: Top: 5mm, Bottom: 5mm, Side: 5mm
Media Feed Capacity	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, Foolscap, ARCH A, C4, B-OFICIO, M-OFICIO: 10 sheets (plain paper) Others: 1 sheet
Media Take-up roll unit	N/A
Borderless Printing Width (Roll Only)	A4, A3, A2, A1, B4, B3, B2, 17”, 18”, 24” Top/Bottom: Fully borderless; Left/Right: Approx. 0.5mm margin
Maximum number of delivered prints	Stand Basket (SD-24) / Desktop Basket (BU-06): Standard position - 1 sheet
POWER AND OPERATING REQUIREMENTS	
Power Supply	AC 100-240V (50-60Hz)
Power Consumption	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
Operating Environment	Temperature: 15~30°C, Humidity: 10~80% RH (no dew condensation)
Acoustic Noise (Pressure / Power)	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)
	Operation: Approx. 6.0 Bels (Plain paper, Standard mode, Line Drawing / text mode) (Measured on ISO 7779 standard)
Regulations	CE mark, UKCA mark
Environment Certificates	CB certfication, EPEAT GOLD[4]
DIMENSIONS AND WEIGHT	
Physical Dimensions and Weight	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)
	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.
	Main Unit + Stand + Basket (SD-24) 968 × 720 × 874 mm (ASF closed, operation panel not tilted, basket closed) 968 × 868 × 1024 mm (ASF opened, operation panel tilted, basket opened) 44 kg (exclude ink bottle, include print head)
Packaged Dimensions and Weight	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
WHAT’S INCLUDED	
What’s in the Box?	Printer, 1 Print head, Power Cable, 1 Roll holder (shaftless) between 1 Set of starter ink tanks & Installation Guide, Safety and Environmental Information, LFP Eur Address Sheet, Notice for PosterArtist WEB US/EU, Flange protective materials sheet
Software Included	Software available as Download from Web
OPTIONS	
Optional Items	Desktop Basket: BU-06 Printer Stand + Basket: SD-24
CONSUMABLES	
User Replaceable Items	Ink Tank: PFI-050 (70ml) Print Head: PF-08 Maintenance Cartridge: MC-32

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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L-COA PRO

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