

imagePROGRAF TC-21

AFFORDABLE QUALITY IN A COMPACT DESIGN

A compact, affordable and sustainable desktop 24” large format printer delivers professional quality in small spaces. It is easy to use, perfect for home and small office in AEC segment, retail shop, hospitality, school, regardless of budget and space constraints.

BENEFITS

- **Affordable high quality**
  Variety of prints can be created with different sizes of cut sheets. 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[1]. These lead to impactful prints without compromise on quality.

- **Hybrid support**
  Make hybrid working seamless by switching easily between your home and office printers. The imagePROGRAF TC-21 shares software such as job submission tools (Direct Print Plus, Free Layout Plus, etc.) with your office-based imagePROGRAF 5-colour models (TZ, TX, TM).

- **Easy to use**
  A shaftless roll holder and optimised roll setting procedure make it simple to set up, while the tiltable operation panel allows a better view of information across different heights. The built-in auto-sheet feeder allows printing between roll and cut sheet without intervention, enabling various applications by accepting different cut sheet sizes.

- **Green at heart**
  Meet your sustainability goals with an EPEAT Gold[2] rating for its energy efficiency, packaging free from expanded polystyrene (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. COMPARE TO PREDECESSOR - IMAGEPROGRAF TC-20
2. EPEAT Gold registered in the U.S.

Canon

TECHNICAL SPECIFICATIONS

imagePROGRAF TC-21

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	N/A (no direct print supported)
Others Supported Job Submission Protocol	Apple AirPrint, Mopria, Chrome OS
Standard Interfaces	USB A Port: N/A USB B Port: Hi-Speed USB Ethernet: IEEE802.3u(100BASE-TX) / IEEE802.3(10BASE-T) Wireless LAN[1]: IEEE802.11n/IEEE802.11g/IEEE802.11b/IEEE802.11a/IEEE802.11ac
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[2]
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) 32 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) 33 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) 43 kg (exclude ink bottle, include print head)
Packaged Dimensions and Weight	Printer (Main unit): 1120 x 726 x 406 mm, 45kg Desktop Basket (BU-06): 798 x 301 x 111 mm, 2.0kg Stand + Basket (SD-24): 1058 x 826 x 270 mm, 20kg
WHAT’S INCLUDED	
What’s in the Box?	Printer, 1 Print head, Power Cable, 1 Set of starter ink tanks, 1 roll holder (shaftless), 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

FOOTNOTE

1. Please refer to user manual how to activate/deactivate the wireless LAN
2. EPEAT Gold registered in the U.S.

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Full-photolithography Inkjet Nozzle Engineering

L-COA PRO

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