



imagePROGRAF TC-20

PROFESSIONAL. SUSTAINABLE. COMPACT AND AFFORDABLE.

Ideal for CAD drawings, educational materials and posters

- **Affordable high quality**
Make most of the space you have in small offices, retail shops, education or work from home, with a high-quality pigment ink and simple-to-use desktop printer without price tag, that can sit unobtrusively on your desk or shelves
- **Hybrid support**
Switch easily between home and office printing. The imagePROGRAF TC-20 shares software with your office-based imagePROGRAF devices, making hybrid working even easier
- **Simple set-up**
Take the hassle out of print with this all-in-one device. A shaftless roll holder makes it easy to set up roll paper, while built-in auto-sheet feeder keeps your prints continuous without intervention in switching paper
- **Green at heart**
Meet your sustainability goals with easily recyclable plastic 70ml ink bottles, reduced packaging and an EPEAT Gold* rated for low energy consumption

*EPEAT Gold registered in the U.S.

Canon

TECHNICAL SPECIFICATIONS

imagePROGRAF TC-20

PRINTER TECHNOLOGY

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|---------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Printer Type | 4 Colour 24" |
| Print Technology | Canon Pigment ink 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 Compatibility | 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 Apple Macintosh: macOS 10.14.6-macOS 12.x |
| Printer Languages | SGRaster |
| Standard Interfaces | USB A Port: N/A USB B Port: Hi-Speed USB Ethernet: IEEE802.3u(100BASE-TX) / IEEE802.3(10BASE-T) Wireless LAN: IEEE802.11n/IEEE802.11g/IEEE802.11b <small>*Please refer to user manual how to activate/deactivate the wireless LAN</small> |

MEMORY

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|--------------------|-----|
| Standard memory | 1GB |
| Expansion slot: No | |
| Hard Drive | N/A |

PRINT SPEED

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|--------------|-----------------------------------------------------|
| CAD Drawing: | Plain paper (A1, B&W): 0:33 (Standard) |
| | Plain Paper (A1, Colour): 1:03 (Standard) |
| Poster | Plain Paper (A1) 1:10 (Fast) 2:08 (Standard) |
| | Coated Paper (A1) 3:10 (Fast) 6:05 (Standard) |

MEDIA HANDLING

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|-----------------------------|-------------------------------------------------------------------------------------------------------------------------------------------|
| Media Feed and Output | Roll Paper: One Roll, Front-loading, Front Output Cut Sheet: Auto sheet feeder |
| Media Width | Roll paper : A3, A2, A2+, A1, B2, B3, 18", 24", 17" Cut sheet: 210mm - 297mm |
| Media Thickness | Roll/Cut : 0.08mm - 0.28mm |
| Minimum Printable Length | Roll/Cut : 203.2mm |
| Maximum Printable Length | Roll paper: 4m Cut sheet: 432mm |
| 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) Cut sheet: Top: 5mm, Bottom: 5mm, Side: 5mm |
| Media Feed Capacity | Roll Paper: One roll Cut Sheet: 100 sheets (A4), 50 sheets (A3) |
| Media Take-up roll unit | N/A |

Borderless Printing Width (Roll Only)

N/A

Maximum number of delivered prints

Desktop Basket (BU-06): Standard position - 1 sheet

POWER AND OPERATING REQUIREMENTS

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|-----------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------|
| Power Supply | AC 100-240V (50-60Hz) |
| Power Consumption | Operation: 28W or less Sleep mode: 2.4W or less Default setting for the time to enter the Sleep mode: Approx. 5 minutes Power off: 0.3W or less |
| Operating Environment | Temperature: 15-30°C, Humidity: 10-80% RH (no dew condensation) |
| Acoustic Noise (Pressure / Power) | Operation: Approx. 42.5 dB(A) (Plain paper, Standard mode, Line Drawing/Text mode) Standby: 35 dB(A) or less (Measured on ISO 7779 standard) |
| Regulations | CE mark, UKCA mark |
| Environment Certificates | CB certification, EPEAT GOLD ¹⁾ |

DIMENSIONS AND WEIGHT

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|--------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Physical Dimensions and Weight | W x D x H Main Unit 968 x 545 x 395 mm (ASF Opened) 968 x 525 x 245 mm (ASF Closed) 32 kg (exclude ink bottle, include print head) |
| | Main Unit + Desktop Basket (BU-06) 968 x 825 x 965* mm (Basket Opened) 968 x 595 x 965* mm (Basket Closed) 33 kg (exclude ink bottle, include print head) <small>*Height above which cloth does not touch the floor when opening the desktop basket.</small> |
| | Main Unit + Stand + Basket (SD-24) 968 x 870 x 874 mm (Basket Opened) 968 x 707 x 874 mm (Basket Closed) 40 kg (exclude ink bottle, include print head) |
| | Printer (Main unit): 1120 x 726 x 406 mm, 43kg Desktop Basket (BU-06): 798 x 301 x 111 mm, 1.8kg Stand + Basket (SD-24): 1055 x 824 x 268 mm, 16kg |

Packaged Dimensions and Weight

WHAT'S INCLUDED

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|--------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| What's in the Box? | Printer, 1 Print head, Power Cable, 1 Set of starter ink tanks, Installation Guide, Safety/Standard Environment leaflet, EU Biocide Sheet, LFP Eur Address Sheet, Flange protective materials sheet |
| Software Included | Software available as Download from Web |

OPTIONS

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|----------------|--------------------------------------------------------|
| Optional Items | Desktop Basket: BU-06 Printer Stand + Basket: SD-24 |
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CONSUMABLES

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|------------------------|-------------------------------------------------------------------------------|
| User Replaceable Items | Ink Tank: PFI-050 (70ml) Print Head: PF-08 Maintenance Cartridge: MC-32 |
|------------------------|-------------------------------------------------------------------------------|

¹⁾ EPEAT Gold registered in the U.S.

Disclaimer

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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.

