imagePROGRAF TM-510
imagePROGRAF TM-510M

More Than Just the Fine Line

- Updated matte black ink for crisper lines and vibrant poster prints on plain paper
- Integrated Scan-to-Copy/File/Share solution available
- Security features to help protect your work

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Printer Specifications

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Printhead
PF-06

Number of Nozzles
Matte Black: 5,120 Nozzles
Other Colors: 2,560 Nozzles per Color

Droplet Size
5 Picoliter

Ink Tanks
Pigment: Matte Black (MBK), Cyan (C), Magenta (M), Yellow (Y), Black (BK)
Shipped with printer: 130ml (MBK)/90ml (BK, C, M, Y)
Replacement:
MBK: PFI-323 (300ml)/PFI-123 (130ml)
M: PFI-321 (300ml)/PFI-121 (130ml)
BK/C/Y: PFI-320 (300ml)/PFI-120 (130ml)

Printer RAM
TM-510: 2 GB
TM-510M: 6 GB

Media Feed
Roll Feed: One Roll, Top-loading, Front Output

Media Width
Roll Feed: 8" – 24" (203.2 mm – 610 mm)
Cut Sheet: 8" – 24" (203.2 mm – 610 mm)

Maximum Print Length (Varies according to the OS and application)
- **Roll Media:** 59'
- **Cut Sheet:** 5.2'

Media Cutter
Automatic horizontal cutting (Rotary cutter): Standard

Media Thickness
0" – 0.03" (0.07 mm – 0.8 mm)

Media Core Sizes
2" Core Standard, 2"/3" Core Roll Holder Set (RH2-28) included

Maximum Roll Outer Diameter
5.9" (150 mm)

Media Output Options
Catch Basket

Printing Software Utilities
Accounting Manager, Device Management Console, Direct Print Plus, Free Layout Plus, Driver, Media Configuration Tool, Poster-Artist, AirPrint®[1], Mopria® Print Service[2]

Operating System
- 32bit Windows 7, Windows 8.1, Windows 10
- 64bit Windows 7, Windows 8.1, Windows 10, Windows 11, Windows Server 2008R2, 2012, 2012R2, 2016, 2019, 2022, 2025
- macOS 12 ~ macOS 26

Print Language
Printer: SGRaster, HP-GL/2, HP RTL, JPEG, CALS G4

Interface
Standard (Built-in): USB 2.0 Hi-Speed, 10/100/1000Base-T/TX, Wireless LAN (IEEE 802.11 b/g/n)[3]

Power Supply
AC 100–240 V (50–60 Hz)

Power Consumption

TM-510:	TM-510M:
Max: Approx. 62W	**Max:** Approx. 70W
Standby: Approx. 1.6W	**Standby:** Approx. 1.6W
Power Off: Approx. 0.06W	**Power Off:** Approx. 0.06W

Certifications
ENERGY STAR® certified, EPEAT 1.0 Gold, Mopria® Certified

Operational Environment
Temperature: 59°F – 86°F (15°C – 30°C)
Relative Humidity: 10% – 80% (No Condensation)

Printer Dimensions (W x D x H) and Weight (Approx.)
(With basket opened) 38.5" x 34.2" x 41"
(With stand and basket closed) 38.5" x 29.8" x 41"

Weight
TM-510: 119 lbs.
TM-510M: 138.9 lbs.

Package Dimensions (W x D x H) and Weight (Approx.)
(With Standard Basket and pallet)

TM-510: 45.4" x 35.9" x 36", 209.4 lbs.
TM-510M: 45.4" x 35.9" x 36", 229.3 lbs.

Options
2"/3" Roll Holder Set (RH2-28)
User-Replaceable Items
- Ink Tank (300ml: PFI-320/PFI-321/PFI-323, 130ml: PFI-120/PFI-121/PFI-123)
- Printhead (PF-06)
- Maintenance Cartridge (MC-31)
- Cutter Blade (CT-08)

What's In The TM-510/510M Box
Printer, Stand with Catch Basket, Starter Ink Tanks BK/C/M/Y (90ml) MBK (130ml), 1 Printhead, Maintenance Cartridge (Installed), 2" Roll Holder with 3" Core Adapters, Installation Guide, User Registration Card, Printer Warranty Statement, Printhead Warranty Statement, Call Center Notice, Media Compatibility Flyer, PosterArtist Web Notice Flyer, Safety and Environmental Information, iWR Service Terms Leaflet, USB port (High Speed), Power Cable and Screw, Gigabit Ethernet (Built-in)

Integrated Scanner Specs for TM-510M

Scan Speed[4]
Color: 5.0 ips @ 200 dpi
Monochrome: 10.0 ips @ 200 dpi

Maximum Resolution
600 dpi (Optical)

Maximum Scan Width/Maximum Media Width
24"/24.5"

Maximum Scan Length
326.9" (JPEG)/200" (PDF)

Maximum Media Thickness
0.003" – 0.03" (0.07 mm – 0.8 mm)

Maximum Number of Copies
Up to 99

Digital Imaging Technology
Contact Image Sensor (CIS) Technology
Dual Side illumination
- 8-bit RGB
- 8-bit grayscale
- Zoom ratio: 25 ~ 432%
- Functions: Automatic Original Size Detection, Density Adjustment, Contrast Adjustment, Sharpness Adjustment, Saturation Adjustment, Print Quality Selection, White Enhancement, Black Enhancement, Data Size Adjustment, Frequently Used Settings

Preset Modes
CAD (Line Drawing) ,Blueprint(Black & White Conversion), Inverted Blueprint(Black & White Conversion), Tracing Paper, Poster/Photo, Drawing/Map

Scan Format
USB memory (FAT16, FAT32, exFAT), Email, SMB

[1] AirPrint functionality requires a compatible iPad, iPhone, or iPod Touch device running iOS 7.0 or later, and an AirPrint-enabled printer connected to the same network as your iOS device. A printer connected to the USB port of your Mac, PC, AirPort Base station, or Time Capsule is not supported.
[2] Requires Android mobile device with Android 4.4 operating system or later with the Mopria Print Service pre-loaded with that device and the compatible PIXMA printer on the same wireless network. The Mopria experience is also available on Android 4.4 mobile devices with a download of the Mopria Print Service from Google Play.
[3] Wireless printing requires a working network with wireless 802.11b/g or 802.11n capability. Wireless performance may vary based on terrain and distance between the printer and wireless network clients.
[4] Paper: Plain Paper
Copy Settings: Paper Type: Plain Paper
Scan document type: CAD (line drawing)
Read Size: A1 / Quality: standard

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