



imagePROGRAF  
TA-20 MFP L24ei



## ImagePROGRAF TA-20 MFP L24ei

### SPECIFICATIONS

#### PRINTER SPECIFICATIONS

##### Print Head

PF-06

##### Technology

FINE (Photolithography Inkjet Nozzle Engineering)

##### Print Resolution (Max.)

2400 x 1200 dpi

##### Line Accuracy\*

±0.1% or Less

##### Number of Nozzles

Matte Black: 5,120 Nozzles

Other Colors: 2,560 Nozzles per Color

##### Droplet Size

Minimum 5 Picoliter

##### Ink Type

Pigment: Matte Black (MBK), Cyan (C), Magenta (M), Yellow (Y), Black (BK)

##### Ink Tank

Shipped with Printer: (2) MBK, BK, C, M, Y (55 ml)

Replacement: PFI-030 (55 ml)

##### Ink Supply Method

Tubing System with Sub-tanks for Continuous Ink Supply

##### Nozzle Recovery System

Non-firing Nozzle Detection and Compensation

##### Printer Controller

L-COA PRO

##### Printer RAM

2 GB

##### Media Feed

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

Cut Sheet: Top-loading, Front Output

##### Media Width

Roll Feed: 8"-24" (203 mm - 610 mm)

Cut Sheet: 8"-24" (203 mm - 432 mm)

##### Printable Margins

Roll Feed: All Sides: 3 mm or 0" for Borderless

Cut Sheet: Top: 3 mm; Bottom: 20 mm; Side: 3 mm

##### Borderless Printing Widths (Roll Media Only)

8" - 24"

##### Media Cutter

Rotary Cutter

##### Media Thickness

0.07 - 0.8 mm

##### Media Core Sizes

2" and 3" [Optional 2"/3" Roll Holder Set (RH2-28) is needed to support 3" media cores]

##### Maximum Roll Outer Diameter

5.9" (150 mm)

##### Printing Software Utilities

Accounting Manager, Canon Print Service, Device Management Console, Direct Print & Share, Free Layout Plus, imagePROGRAF Printer Driver for Windows®/Mac®, Media Configuration Tool, PosterArtist Lite for Windows, Canon PRINT Inkjet Selphy, Easy-Photo PrintEditor,\* Optimized Driver for AutoCAD, Free Layout

##### Operating System

Windows 7 (32/64 bit), Windows 8.1 (32/64 bit), Windows 10 (32/64 bit), Windows Server 2008 R2, (32/64 bit), Windows Server 2012 (64 bit), Windows Server 2012 R2 (64 bit), Windows Server 2016 (64 bit), Macintosh OS X v10.10.5-v10.12x

##### Print Language

Printer: SGRaster, HP-GL/2, HP RTL, JPEG

##### Interface

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

##### Acoustic Noise

Operation: 42 dB (A)

Standby: 35 dB (A) or Less

Acoustic Power: 5.3 Bel

##### Power Supply

AC 100-240V (50-60 Hz)

##### Power Consumption

Maximum: 52 W or Less

Standby: 3.6 W or Less

Power Off: 0.3 W or Less (Executive Order Compliant)

##### Certifications

Electrical Safety Regulations

C TUVus (U.S.A.)

Electromagnetic Interface Regulations

FCC Part 15B (U.S.A.)

Radio Regulations

FCC Part 15C (U.S.A.)

Environmental Certifications

ENERGY STAR® (Worldwide)

##### Operational Environment

Temperature: 59° - 86° F (15° - 30° C)

Relative Humidity: 10 - 80% (No Condensation)

##### Printer and Stand Dimensions (H x W x D) and Weight

42" x 39" x 34" Approx. 102 lb.

##### L24ei Scanner Dimensions (H x W x D) and Weight

With Stand, Basket, and Pallet: 8" x 10" x 41" Approx. 22 lb.

##### Options

- 2"/3" Roll Holder Set (RH2-28) (needed to support 3" media cores)
- PosterArtist

##### User-Replaceable Items

- Ink Tank (PFI-030)
- Print Head (PF-06)
- Maintenance Cartridge (MC-31)
- Cutter Blade (CT-08)

##### What's In The Box

Printer, Stand, Tools and Screws, Power Cord, Print Head, Maintenance Cartridge (Installed), 6 Ink Tanks (55 ml: MBK x 2/BK/C/M/Y), Ethernet Card (built-in), USB 2.0 High-speed Interface, USB Connection Sheet, iWR Service Terms Leaflet, User Manual, Quick Setup Guide, User Software CD for Windows (Printer Driver Utilities), User Registration Card

#### L24ei SERIES SCANNER SPECIFICATIONS

##### Scan Speed\*\*

- 24-bit Full Color @ 200 dpi: 1" (per second)
- 8-bit Grayscale and Monochrome @ 200 dpi: 3" (per second)

##### Scan Modes

- 16.7-million Color RGB (24-bit)
- 256-level Grayscale (8-bit)
- Black and White (1-bit)

##### Color Space

Normalized RGB

##### Resolution

600 dpi (optical)

##### Scan Accuracy\*

+/- 0.2%

##### Maximum Image Width

24"

##### Maximum Media Width

26"

##### Maximum Scan Length

109"

##### Maximum Media Thickness

0.020" (5 mm)

##### Digital Imaging Technology

Contact Image Sensor (CIS) Technology (SingleSensor Technology Assembly)

- Full width SingleSensor CIS Assembly
- 24-bit RGB digital color image capture
- 8-bit grayscale image capture
- Panchromatic monochrome and black and white
- Bi-directional extra long-life LED light system for optimum object illumination and instant-on scanning capability

##### Scanner Interface

Scan to USB - USB2 interface

(Flash drive max. size = 128 GB - FAT32)

Copy/Scan to Network - Ethernet interface

(>1 GB Ethernet connection for network configuration)

##### Operating Environments

10 - 35°C, 35-80% RH, Non-condensing

##### External Power Supply

100-240 VAC Autosensing +/- 10%, 50-60Hz

##### Scanner Power Consumption

Scanning: 11.7 W

Standby: .06 W

##### Compliances

CB, CE, FCC, UL, ENERGY STAR®, ICES-003, CUL, S Mark

##### Dimensions (H x W x D) (with Paper Tray Extended)

5.2" x 36.8" x 9.96"

##### Stand and Scanner Weight

Approx. 11.6 lb.

##### What's In The Box?

- L24ei Scanner with Power Cord
- Ethernet Cable
- 2 Mounting Brackets
- CD for ScanApp Lei Software
- Lei Scanner Guide
- Document Return Guide
- Calibration Target
- Feet for Desktop Use
- Two Paper Edge Guides and Paper Refeed Preventers

\* Line accuracy repeatability is guaranteed after a user performs necessary adjustment and under the same environmental conditions. Applies to media for line drawing (Plain Paper, Coated Paper, CAD Translucent Matte Film, and CAD Tracing Paper) only.

- 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.

\*\* The scan rate is proportional across the full range of resolutions supported by the scanner. Quoted top speeds may be limited by the effective bandwidth of the USB 2 and is not guaranteed for all media types..

▲ The quoted scan accuracy may vary depending on the operating environment and the thickness of the media.

Note: The imagePROGRAF TA Series MFP Lei systems contain multiple components, some of which are manufactured by third parties. To the extent that such third-party offerings come with limited warranties, such limited warranties are hereby passed to the purchaser, and Canon shall have no obligation or any liability with respect to such third-party offerings.

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