

imagePROGRAF TA-20

REDIFINING THE LARGE-FORMAT PRINTER



SERVICING SOUTH FLORIDA FOR OVER 10 YEARS



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 (optional)

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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