

**Canon**

**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 Colours: 2,560 Nozzles per Colour

#### 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 Bels

#### 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)

#### 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 Colour @ 200 dpi: 1" (per second)

• 8-bit Grayscale and Monochrome @ 200 dpi:

3" (per second)

#### Scan Modes

• 16.7-million Colour RGB (24-bit)

• 256-level Grayscale (8-bit)

• Black and White (1-bit)

#### Colour 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 colour 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)

52" 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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