

# DEPARTMENT OF PUBLIC EXAMINATIONS

## INFORMATION COMMUNICATIONS TECHNOLOGY UNIT

21 FEBRUARY 2022

### PRODUCTION PRINTING SYSTEM SPECIFICATIONS

#### PRINTER

<b>Resolution:</b>	Print: 1,200 x 1,200 dpi Scan: 600 x 600 dpi
<b>Paper weight:</b>	Standard: 40–300 gsm Opt.: PF-710, PF-709 (middle tray) – 40–350 gsm
<b>Auto duplex:</b>	40–300 gsm
<b>Paper sizes (max.):</b>	324 x 463 mm (12.76" x 18.23") Opt.: PF-709 – 324 x 463 mm (12.76" x 18.23") PF-710 – 324 x 483 mm (12.76" x 19.02")
<b>Paper sizes (min.):</b>	182 x 139 mm (7.17" x 5.47") Opt.: PF-709 – 95 x 139 mm (3.74" x 5.47") PF-710 – 95 x 133 mm (3.74" x 5.24")
<b>Image loss (max.):</b>	3.0 mm or less for top edge 2.0 mm or less for bottom edge 2.0 mm or less for right/left edges
<b>Warm-up time:</b>	420 seconds or less
<b>Paper input capacity:</b>	Standard: 3,000 sheets Max.: 18,000 sheets
<b>Main unit dimensions (W x D x H):</b>	39" x 35.8" x 57"
<b>Main unit weight:</b>	813.5 lbs
<b>Power requirements:</b>	208VAC to 240VAC, 20A, 60 Hz

#### PRODUCTIVITY

<b>8.5" x 11" (max. per minute):</b>	120 ppm
<b>Monthly duty cycle (max.):</b>	2,500,000 pages

#### CONTROLLER

<b>Type:</b>	Embedded (network standard)
<b>CPU:</b>	Intel i5-4570S 2.9 GHz
<b>Memory:</b>	16 GB
<b>HDD/SSD:</b>	HDD: 1-TB x2, SSD: 4 GB
<b>Print-description language:</b>	PCLSE/XL (PCL6), Adobe PostScript3 (PS3020), PDF v1.7, TIFF v6, PPML v2.2, APPE4.2 (with UK-217)
<b>Printing method:</b>	TCP/IP (LPR, RAW socket), NetBEUI, IPP, WSD, Bonjour, SMB
<b>Applicable OS:</b>	PCL, PS, PS Plug-in: Windows 7* <sup>1</sup> /8.1* <sup>1</sup> /10* <sup>1</sup> Windows Server 2008/2008R2/2012/2012R2/2016 Mac OS X 10.8/10.9/10.10/10.11/10.12
<b>Interface:</b>	10/100/1000Base-T, USB3.0 host, USB2.0 device

\*<sup>1</sup> Including 64 – bit versions

## SCANNER

<b>Type</b>	Full color
<b>Scan speed (8.5" x 11")</b>	Single-sided 120 ipm/duplex 240 ipm
<b>Scan resolution</b>	600 x 600 dpi
<b>Scan modes</b>	Scan-to-HDD; Scan-to-FTP; Scan-to-SMB; Scan-to-Email; Scanto-WebDAV; Scan-to-USB
<b>Scan formats</b>	TIFF, PDF, Encrypted PDF, PDF/A-1a, PDF/A-1b, Compact PDF, JPEG, XPS

## COPIER SPECIFICATIONS

<b>Gradations:</b>	256 gradations
<b>First copy out<sup>1</sup>:</b>	2.8 sec. or less
<b>Continuous print speed<sup>2</sup>:</b>	120 pages/min (letter landscape)
<b>Magnification:</b>	25–400% in 0.1% steps

<sup>1</sup> When letter landscape original is scanned on the platen (zoom 100% tray-1)

<sup>2</sup> Print speed may vary depending on paper type

## OTHER PREFERRED OPTIONS

<b>CR-101:</b>	Creaser unit for SD-513	<b>MK-732:</b>	Post-inserter mount kit for FS-532
<b>EF-105:</b>	Envelope fuser	<b>MK-737:</b>	Mount kit for third-party products
<b>FA-503:</b>	PFU adjustment kit	<b>OT-510:</b>	Open stacker
<b>FD-503:</b>	Multi-fold punch unit	<b>PB-503:</b>	Perfect binder
<b>FD-504:</b>	Square folding unit for SD-513	<b>PF-709:</b>	Friction paper feed unit w/air assist
<b>FS-532:</b>	100-sheet staple finisher	<b>PP-701:</b>	Pre-printed paper kit for PF-709
<b>FS-532 PK/SD:</b>	100-sheet staple finisher with PK and SD-510-522	<b>PF-710:</b>	Vacuum paper feed unit
<b>Punch G2:</b>	GBC advanced multi-punching unit	<b>PI-502:</b>	Post inserter for FS-532
<b>GP-501:</b>	GBC multi-hole punch unit	<b>PK-522:</b>	2/3-hole punch for FS-532
<b>GP-502:</b>	GBC in-line ring binding unit	<b>RH-101:</b>	Removable HDD kit
<b>HD-523:</b>	Inner HDD kit	<b>RU-510:</b>	Relay unit for GP-501
<b>HM-103:</b>	Humidification unit for RU-518	<b>RU-518:</b>	Relay unit for de-curling
<b>HT-506:</b>	Dehumidification heating unit for PF-710	<b>SD-506:</b>	Booklet making unit
<b>IQ-501:</b>	Intelligent quality optimizer	<b>SD-510:</b>	Saddle stitch kit for FS-532
<b>LC-501:</b>	Cart for LS-506	<b>SD-513:</b>	Saddle stitch unit
<b>LS-506:</b>	Stacking unit	<b>SD-513/F:</b>	Saddle stitcher front
<b>TU-503:</b>	Trimmer unit for SD-513		

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