



# Lexmark CS720de

The Lexmark CS720de offers workgroup-level printing performance in a simple, feature-rich package that's as easy to use as a personal output device.

## Part Number

40C9144

## Print Technology

Colour Laser

## Function

Colour Printing

## Workgroup Size

Medium Workgroup

## Touch Screen Display

Yes

## Display

Lexmark e-Task 10.9 cm (4.3-inch) colour touch screen

## Print Speed (A4, Black)

Up to 38 ppm<sup>6</sup>

## Print Speed (A4, Colour)

Up to 38 ppm<sup>6</sup>

## Print Speed (A4, Black) Duplex

Up to 30 spm<sup>6</sup>

## Time to First Page (Black)

As fast as 6.0 seconds

## Time to First Page (Colour)

As fast as 6.5 seconds

## Duplex (2-sided) Printing

Integrated Duplex

## Print Resolution, Black

1200 x 1200 dpi, 4800 CQ (2400 x 600 dpi)

## Print Resolution, Colour

1200 x 1200 dpi, 4800 CQ (2400 x 600 dpi)

## Processor Speed

Quad Core 1.2 GHz

## Memory, Standard

1024 MB

## Memory, Maximum

3072 MB

## Hard Disk

Option available

## Apple Operating Systems Supported

Apple OS X (10.6, 10.7, 10.8, 10.9, 10.10, 10.11)

## Citrix MetaFrame

Microsoft Windows Server 2008 and 2008 X64 Edition with Citrix XenApp 5.0, Microsoft Windows Server 2008 R2 with Citrix XenApp 6.0, 6.5, Microsoft Windows Server 2012 with Citrix XenApp 6.0, 6.5

## Linux Operating Systems Supported

Debian GNU/Linux 7.0, 8.0, Fedora 21, 22, Linpus Linux Lite Desktop 2.1, Linux Mint 13 LTS, 17 LTS, 17.1 LTS, 17.2 LTS, Linux Mint 2 Debian, PCLinuxOS 2014.12, Red Hat Enterprise Linux WS 4, 5, 6, 7, SUSE Linux Enterprise Desktop 10, 11, 12, SUSE Linux Enterprise Server 10, 11, 12, Ubuntu 12.04 LTS, 14.04 LTS, 15.04, openSUSE 13.1, 13.2, openSUSE Tumbleweed

## Microsoft Windows Operating Systems Supported

Windows XP, Windows XP x64, Windows Vista, Windows Vista x64, Windows Server 2008, Windows Server 2008 x64, Windows 7, Windows 7 x64, Windows Server 2008 R2, Windows 8, Windows 8 x64, Windows Server 2012, Windows 8.1, Windows 8.1 x64, Windows Server 2012 R2, Windows RT, Windows RT 8.1, Windows 10

## Novell Operating Systems Supported

Novell NetWare 6.5 Open Enterprise Server, Novell Open Enterprise Server 2 on SUSE Linux Enterprise Server 10 SP4, Novell Open Enterprise Server 11 on SUSE Linux Enterprise Server 11

## UNIX Operating Systems Supported

Sun Solaris x86 10, 11, Sun Solaris SPARC 10, 11, IBM AIX 6.1, 7.1

## Included Paper Handling

550-Sheet Input, 100-Sheet Multipurpose Feeder, Integrated Duplex, 300-Sheet Output Bin

## Optional Paper Handling

550-Sheet Tray

## Paper Input Capacity, Standard

Up to 650 pages 75 gsm bond

## Paper Input Capacity, Maximum

Up to 2300 pages 75 gsm bond

## Paper Output Capacity, Standard

Up to 300 pages 75 gsm bond

## Paper Output Capacity, Maximum

Up to 300 pages 75 gsm bond

## Paper Weight Range Supported - Standard Tray (gsm)

60 - 218 gsm

## Paper Weight Range Supported - Multipurpose Feeder (gsm)

60 - 218 gsm

## Integrated Tray Card Stock Upper limit (grain long)

Index Bristol - 199 gsm (110 lb), Tag - 163 gsm (100 lb), Cover - 176 gsm (65 lb)

## Integrated Tray Card Stock Upper limit (grain short)

Index Bristol - 199 gsm (110 lb), Cover - 216 gsm (80 lb), Tag - 203 gsm (125 lb)

## Finishing Option

No

## Number of Paper Inputs, Standard

2

## Number of Paper Inputs, Maximum

5

## Media Types Supported

Card Stock, Envelopes, Paper Labels, Plain Paper, Vinyl Labels, Banner Paper, Refer to the Paper & Specialty Media Guide

## Media Sizes Supported

10 Envelope, 7 3/4 Envelope, 9 Envelope, A4, A5, B5 Envelope, C5 Envelope, DL Envelope, Executive, Folio, JIS-B5, Legal, Letter, Statement, Universal, Oficio, A6

## Caster Base

No

## Standard Ports

One Internal Card Slot, USB 2.0 Specification Hi-Speed Certified (Type B), Gigabit Ethernet (10/100/1000), Front USB 2.0 Specification Hi-Speed Certified port (Type A), Rear Hi-Speed USB port Compatible with USB 2.0 Specification (Type A)

## Optional Network Ports

Internal MarkNet N8360 802.11b/g/n Wireless, NFC

## Direct USB

Yes

## Ethernet Network

Yes

## Wireless

Wireless Option

## Network Protocol Support

TCP/IP IPv4, TCP/IP IPv6, TCP, UDP

## Network Printing Methods

LPR/LPD, Direct IP (Port 9100), Enhanced IP (Port 9400), Secure IP (Port 96xx), FTP, TFTP, ThinPrint .print integration, Telnet, IPP 1.0, 1.1, 2.0 (Internet Printing Protocol), Microsoft Web Services WSD, Pull Printing

## Network Management Protocols<sup>1</sup>

HTTP, HTTPS (SSL/TLS), SNMPv1, SNMPv2c, SNMPv3, WINS, IGMP, BOOTP, RARP, APIPA (AutolP), DHCP, ICMP, DNS, Bonjour, DDNS, mDNS, ARP, NTP, Telnet, Finger,

## Network Security

SNMPv3, 802.1x Authentication: MD5, MSCHAPv2, LEAP, PEAP, TLS, TTLS, IPSec

## Printer Languages (Standard)

PCL 5c Emulation, PCL 6 Emulation, Personal Printer Data Stream (PPDS), PostScript 3 Emulation, Direct Image, AirPrint™, PDF 1.7 emulation

## Fonts and Symbol Sets

3 of 9 scalable PCL 5e fonts in Narrow, Regular and Wide, 2 PCL bitmap fonts, 39 scalable PPDS fonts, 84 scalable PCL fonts, OCR-A, OCR-B scalable PCL 5e fonts, For more information, refer to the Technical Reference., 165 scalable PostScript fonts, 15 PPDS bitmap fonts

## Laser Cartridge Yields (up to)<sup>5</sup>

, 3,000-page Black and Colour (CMYK) Cartridges, 7,000-page Black and Colour (CMYK) Cartridges, 20,000-page Black High Yield Cartridge

**Imaging Unit Estimated Yield**

Up to 150000 pages, based on 5 average letter/A4 size pages per print job and ~ 5% coverage for CS/CX96x, CX83x, CX95x, and MX95x printer series, or based on 3 average letter/A4 size pages per print job and ~ 5% coverage for all other printers<sup>4</sup>

**Cartridge(s) Shipping with Product**

3,000-page Black and Colour (CMYK) Return Programme Toner Cartridges

**Replacement Cartridges:**

Product functions only with replacement cartridges designed for use in a specific geographical region. See [www.lexmark.com/](http://www.lexmark.com/) regions for more details.

**Packaged Size (mm - H x W x D)**

568 x 643 x 738 mm

**Packaged Weight (kg)**

41.9 kg

**Size (mm - H x W x D)**

417 x 475 x 499 mm

**Weight (kg)**

36.3 kg

**Noise Level, Idle**

15 dBA

**Noise Level (Print), Operating**

51 dBA

**Duplex Print Noise Level, Operating**

53 dBA

**Quiet Mode**

47 dBA

**ENERGY STAR**

Yes

**Average Power (Hibernate Mode)**

0.2 watts

**Average Power (Sleep Mode)**

2.35 watts

**Average Power (Ready Mode)**

80 watts

**Average Power (Printing)**

560 watts

**Average Power while Printing Duplex**

470 watts

**ENERGY STAR Typical Electricity****Consumption (TEC)**

0.76 kilowatt-hours per week

**Product Guarantee**

1-Year Onsite Service

**Product Certifications**

ENERGY STAR, ICES-003 Class A, BSMI Class A, VCCI Class A, FCC Class A, NOM-032, UL, cUL, NOM, US FDA/CDRH, IEC 60825-1, CB Report, ISO-532B, CE (EU) DoC, EFTA (CE), KC logo, CCC, C-tick DoC, EuP, CECP, CEL, EC 1275/2008, ECMA-370, TED, SII, TER, SABS, UL-AR, GS Mark, Green Dot, ISO-9296, COC, CCD-035 EcoLogo, Green Mark, EPEAT, China Green Product (CGP)

**Maximum Monthly Duty Cycle**

Up to 120000 pages per month<sup>3</sup>

**Recommended Monthly Page Volume**

1500 - 15000 pages<sup>2</sup>

**Specified Operating Environment**

Humidity: 15 to 80% Relative Humidity,  
Temperature: 10 to 32°C (50 to 90°F), Altitude:  
0 - 2896 Metres (9,500 Feet)

**License/Agreement Terms**

Printers are sold subject to certain license/ agreement conditions. See [www.lexmark.com/](http://www.lexmark.com/) printerlicense for details.

**Country of Origin**

China (PRC)

**UNSPSC Code**

43212110

<sup>1</sup>This product includes software developed by the OpenSSL Project for use in the OpenSSL Toolkit. (<http://www.openssl.org/>)

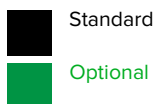
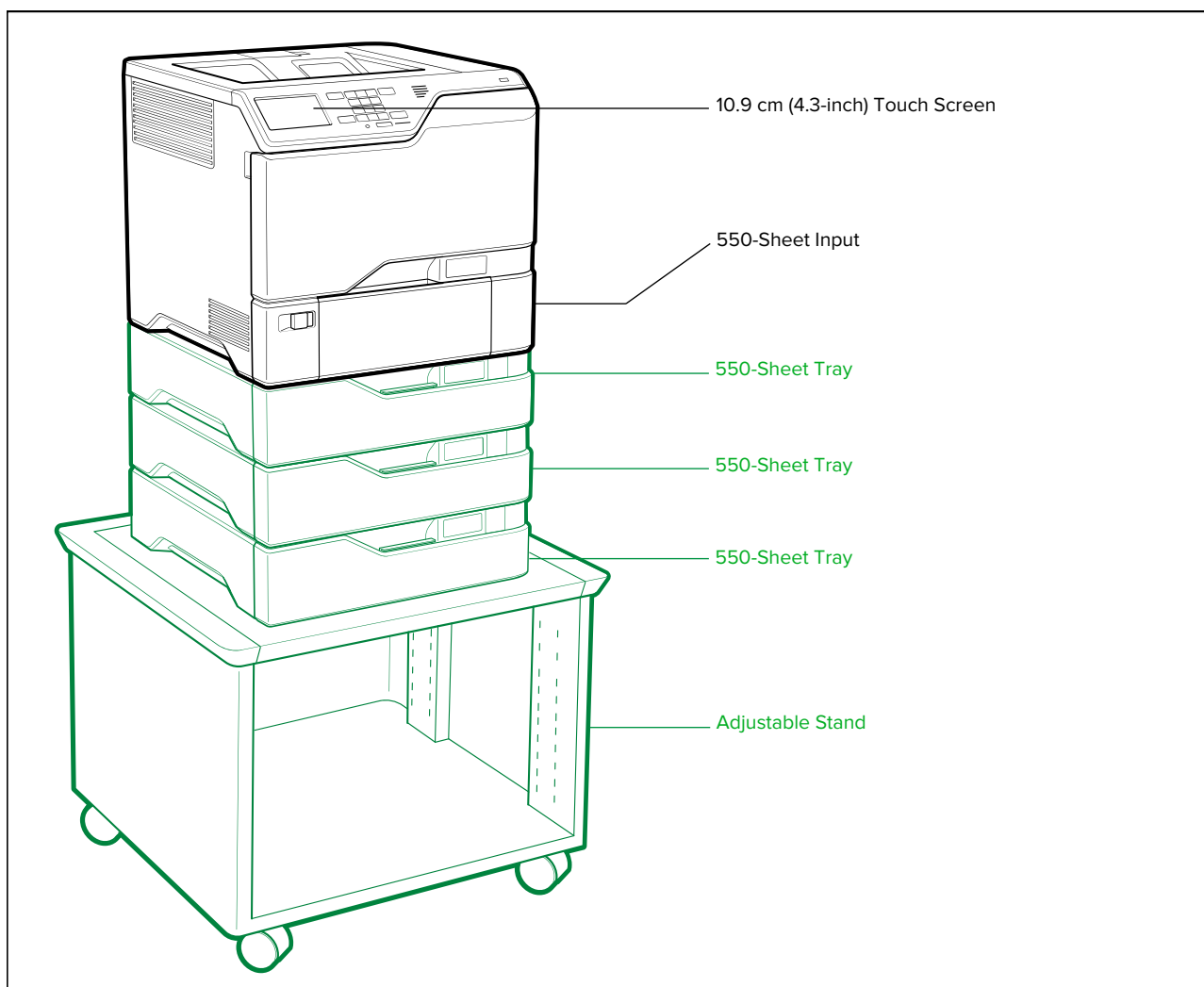
<sup>2</sup>"Recommended Monthly Page Volume" is a range of pages that helps customers evaluate Lexmark's product offerings based on the average number of pages customers plan to print on the device each month. Lexmark recommends that the number of pages per month be within the stated range for optimum device performance, based on factors including: supplies replacement intervals, paper loading intervals, speed, and typical customer usage.

<sup>3</sup>"Maximum Monthly Duty Cycle" is defined as the maximum number of pages a device could deliver in a month using a multishift operation. This metric provides a comparison of robustness in relation to other Lexmark printers and MFPs.

<sup>4</sup>Actual Yield may vary based on other factors such as device speed, paper size and feed orientation, toner coverage, tray source, percentage of black-only printing and average print job complexity.

<sup>5</sup>Average continuous black or continuous composite CMY declared cartridge yield up to this number of standard pages in accordance with ISO/IEC 19798.

<sup>6</sup>Print and copy speeds measured in accordance with ISO/IEC 24734 and ISO/IEC 24735 respectively (ESAT). For more information see: [www.lexmark.com/ISOspeeds](http://www.lexmark.com/ISOspeeds).



| P/N     | Toner Cartridges                                                            | P/N     | Toner Cartridges                                                            | P/N     | Toner Cartridges                                              |
|---------|-----------------------------------------------------------------------------|---------|-----------------------------------------------------------------------------|---------|---------------------------------------------------------------|
| 74C50C0 | CS720, CS725, CX725 Cyan Return Programme Toner Cartridge                   | 74C5SM0 | CS720, CS725, CX725 Magenta Standard Yield Return Programme Toner Cartridge | 74C0S30 | CS720 Magenta Standard Yield Toner Cartridge                  |
| 74C50C0 | CS720, CS725, CX725 Cyan Return Programme Toner Cartridge                   | 74C5SY0 | CS720, CS725, CX725 Yellow Standard Yield Return Programme Toner Cartridge  | 74C0S30 | CS720 Magenta Standard Yield Toner Cartridge                  |
| 74C50M0 | CS720, CS725, CX725 Magenta Return Programme Toner Cartridge                | 74C5SY0 | CS720, CS725, CX725 Yellow Standard Yield Return Programme Toner Cartridge  | 74C0S40 | CS720 Yellow Standard Yield Toner Cartridge                   |
| 74C50M0 | CS720, CS725, CX725 Magenta Return Programme Toner Cartridge                | 74C5SK0 | CS720, CS725, CX725 Black Standard Yield Return Programme Toner Cartridge   | 74C0S40 | CS720 Yellow Standard Yield Toner Cartridge                   |
| 74C50Y0 | CS720, CS725, CX725 Yellow Return Programme Toner Cartridge                 | 74C5SK0 | CS720, CS725, CX725 Black Standard Yield Return Programme Toner Cartridge   | 74C0Z10 | CS720, CS725, CX725 Black Imaging Unit                        |
| 74C50Y0 | CS720, CS725, CX725 Yellow Return Programme Toner Cartridge                 | 74C5SK0 | CS720, CS725, CX725 Black Standard Yield Return Programme Toner Cartridge   | 74C0Z10 | CS720, CS725, CX725 Black Imaging Unit                        |
| 74C50K0 | CS720, CS725, CX725 Black Return Programme Toner Cartridge                  | 74C5HK0 | CS720, CS725, CX725 Black High Yield Return Programme Toner Cartridge       | 74C0ZK0 | CS720, CS725, CX725 Black Return Programme Imaging Unit       |
| 74C50K0 | CS720, CS725, CX725 Black Return Programme Toner Cartridge                  | 74C5HK0 | CS720, CS725, CX725 Black High Yield Return Programme Toner Cartridge       | 74C0ZK0 | CS720, CS725, CX725 Black Return Programme Imaging Unit       |
| 74C5SC0 | CS720, CS725, CX725 Cyan Standard Yield Return Programme Toner Cartridge    | 74C0H10 | CS720, CS725 Black High Yield Toner Cartridge                               | 74C0ZV0 | CS720, CS725, CX725 Colour (CMY) Return Programme Imaging Kit |
| 74C5SC0 | CS720, CS725, CX725 Cyan Standard Yield Return Programme Toner Cartridge    | 74C0H10 | CS720, CS725 Black High Yield Toner Cartridge                               | 74C0ZV0 | CS720, CS725, CX725 Colour (CMY) Return Programme Imaging Kit |
| 74C5SM0 | CS720, CS725, CX725 Magenta Standard Yield Return Programme Toner Cartridge | 74C0S20 | CS720 Cyan Standard Yield Toner Cartridge                                   | 74C0Z50 | CS720, CS725, CX725 Colour (CMY) Imaging Kit                  |
|         |                                                                             | 74C0S20 | CS720 Cyan Standard Yield Toner Cartridge                                   | 74C0Z50 | CS720, CS725, CX725 Colour (CMY) Imaging Kit                  |
|         |                                                                             |         |                                                                             | 74C50KE | CS720, CS725, CX725 Black Corporate Cartridge (3K)            |

| P/N     | Toner Cartridges                                                    | P/N     | Connectivity                                                              | P/N     | Installation Service          |
|---------|---------------------------------------------------------------------|---------|---------------------------------------------------------------------------|---------|-------------------------------|
| 74C50KE | CS720, CS725, CX725 Black Corporate Cartridge (3K)                  | 27X0802 | CS72X, CX72x Lexmark MarkNet™ N8230 Fibre Ethernet Print Server           | 2355254 | Standard Installation Service |
| 74C50CE | CS720, CS725, CX725 Cyan Corporate Cartridge (3K)                   | 27X0823 | MarkNet N8370 Wireless for CS720, CS725, CX725                            | P/N     | Service Parts                 |
| 74C50CE | CS720, CS725, CX725 Cyan Corporate Cartridge (3K)                   | 1021294 | USB (2 Meter) Cable                                                       | 40X9929 | Image Transfer Unit           |
| 74C50ME | CS720, CS725, CX725 Magenta Corporate Cartridge (3K)                | 1021294 | USB (2 Meter) Cable                                                       |         |                               |
| 74C50ME | CS720, CS725, CX725 Magenta Corporate Cartridge (3K)                | SPD0002 | Surge Protective Device, 220-240V                                         |         |                               |
| 74C50YE | CS720, CS725, CX725 Yellow Corporate Cartridge (3K)                 | P/N     | Extended Warranties                                                       |         |                               |
| 74C50YE | CS720, CS725, CX725 Yellow Corporate Cartridge (3K)                 | 2360080 | CS720 2-Years Total (1+1) Onsite Service                                  |         |                               |
| 74C5SKE | CS720, CS725, CX725 Black Standard Yield Corporate Cartridge (7K)   | 2360080 | CS720 2-Years Total (1+1) Onsite Service                                  |         |                               |
| 74C5SKE | CS720, CS725, CX725 Black Standard Yield Corporate Cartridge (7K)   | 2360081 | CS720 3-Years Total (1+2) Onsite Service                                  |         |                               |
| 74C5SCE | CS720, CS725, CX725 Cyan Standard Yield Corporate Cartridge (7K)    | 2360081 | CS720 3-Years Total (1+2) Onsite Service                                  |         |                               |
| 74C5SCE | CS720, CS725, CX725 Cyan Standard Yield Corporate Cartridge (7K)    | 2360082 | CS720 4-Years Total (1+3) Onsite Service                                  |         |                               |
| 74C5SME | CS720, CS725, CX725 Magenta Standard Yield Corporate Cartridge (7K) | 2360082 | CS720 4-Years Total (1+3) Onsite Service                                  |         |                               |
| 74C5SME | CS720, CS725, CX725 Magenta Standard Yield Corporate Cartridge (7K) | 2360083 | CS720 5-Years Total (1+4) Onsite Service                                  |         |                               |
| 74C5SYE | CS720, CS725, CX725 Yellow Standard Yield Corporate Cartridge (7K)  | 2360083 | CS720 5-Years Total (1+4) Onsite Service                                  |         |                               |
| 74C5SYE | CS720, CS725, CX725 Yellow Standard Yield Corporate Cartridge (7K)  | 2360084 | CS720 1-Year Onsite Service Renewal                                       |         |                               |
| 74C5HKE | CS720, CS725, CX725 Black High Yield LRP Corporate Cartridge (20K)  | 2360084 | CS720 1-Year Onsite Service Renewal                                       |         |                               |
| 74C5HKE | CS720, CS725, CX725 Black High Yield LRP Corporate Cartridge (20K)  | 2360085 | CS720 1 Year Post Wty OSR NBD Extended Warranty                           |         |                               |
| 74COW00 | Waste Toner Bottle                                                  | 2360086 | CS720 Per Call 1 Time NBD On Site Repair Warranty                         |         |                               |
| 74COW00 | Waste Toner Bottle                                                  | 2368569 | CS720 7 Years Total (1+6) Next Business Day Fix                           |         |                               |
| P/N     | Paper Handling                                                      | 2367197 | CS720 7 Years Total (1+6) Onsite Repair Next Business Day                 |         |                               |
| 40C2100 | 550-Sheet Tray                                                      | 2360088 | CS720 2 Year Total (1+1) Next Business day Fix                            |         |                               |
| 40C2100 | 550-Sheet Tray                                                      | 2360089 | CS720 3 Year Total (1+2) Next Business day Fix                            |         |                               |
| P/N     | Furniture                                                           | 2360090 | CS720 4 Year Total (1+3) Next Business day Fix                            |         |                               |
| 40C2300 | Adjustable Stand                                                    | 2360091 | CS720 5 Year Total (1+4) Next Business day Fix                            |         |                               |
| 40C2300 | Adjustable Stand                                                    | 2360092 | CS720 1 Year Renewal Onsite Repair Next Business Day Fix                  |         |                               |
| P/N     | Memory Options                                                      | 2360696 | CS720 Per Call Preventive Maintenance with Kit                            |         |                               |
| 27X0400 | 500+ GB Hard Disk                                                   | 2360857 | CS720 3 Year Upgrade from Initial to Next Business Day extended Guarantee |         |                               |
| 27X0400 | 500+ GB Hard Disk                                                   | 2365049 | CS720 6 Year Total (1+5) Onsite Repair Next Business Day                  |         |                               |
| 57X9020 | 2GB x32 DDR3 RAM                                                    | 2365050 | CS720 2 Years renewal OnSite Service, Response Time Next Business Day     |         |                               |
| 57X9020 | 2GB x32 DDR3 RAM                                                    | 2365051 | CS720 3 Years renewal OnSite Service, Response Time Next Business Day     |         |                               |
| 57X9801 | 256MB Flash Memory Card                                             | 2365052 | CS720 4 Years renewal OnSite Service, Response Time Next Business Day     |         |                               |
| 57X9801 | 256MB Flash Memory Card                                             | 2365053 | CS720 2 Year Renewal Onsite Repair Next Business Day Fix                  |         |                               |
| 57X9814 | Korean Font Card                                                    | 2365054 | CS720 3 Year Renewal Onsite Repair Next Business Day Fix                  |         |                               |
| 57X9815 | Japanese Font Card                                                  | 2365055 | CS720 4 Year Renewal Onsite Repair Next Business Day Fix                  |         |                               |
| 57X9812 | Simplified Chinese Font Card                                        | P/N     | User Replaceable Parts                                                    |         |                               |
| 57X9810 | Traditional Chinese Font Card                                       | 41X0556 | Fuser Maintenance Kit 220-240V, Type 01                                   |         |                               |
| P/N     | Application Solutions                                               | 41X0253 | Fuser 220-240V, Type 01                                                   |         |                               |
| 40C9201 | Card for IPDS                                                       | 41X0374 | Separator Bracket Assembly                                                |         |                               |
| 40C9201 | Card for IPDS                                                       | P/N     | Installation Service                                                      |         |                               |
| 40C9200 | Forms and Bar Code Card                                             | 2355254 | Standard Installation Service                                             |         |                               |
| 40C9200 | Forms and Bar Code Card                                             |         |                                                                           |         |                               |
| 40C9202 | Card for PRESCRIBE Emulation                                        |         |                                                                           |         |                               |
| 40C9202 | Card for PRESCRIBE Emulation                                        |         |                                                                           |         |                               |
| 57X0300 | Contact Authentication Device                                       |         |                                                                           |         |                               |
| 57X0301 | Contactless Authentication Device                                   |         |                                                                           |         |                               |
| 57X0085 | Lexmark Secure Element                                              |         |                                                                           |         |                               |
| 57X0210 | Elatec Reader Authentication Device                                 |         |                                                                           |         |                               |