



# **CS720, CS725, and CX725 Series**

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**Technical Reference**

April 2016

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# Introduction

## Overview

This edition of the *Technical Reference* contains information about the following printers or multifunction products (MFPs):

- CS720 series
- CS725 series
- CX725 series

## Understanding letters after model numbers


Some Lexmark™ printers may have one or more letters after the model number to indicate features.

Letter	Meaning
d	Duplex*
n	Network
t	Additional tray included
x	High capacity tray
e	e-Task (touch screen device)
m	Mailbox
f	Staple finishing option
p	Staple with hole punch finisher
h	Hard disk

\* Duplex (two-sided) printing using an optional duplex unit or an internal duplex unit based on the product.

## Learning about the printer

### Finding information about the printer

What are you looking for?	Find it here
Initial setup instructions: <ul style="list-style-type: none"> <li>• Connecting the printer</li> <li>• Installing the printer software</li> </ul>	Setup documentation—The setup documentation came with the printer and is also available at <a href="http://support.lexmark.com">http://support.lexmark.com</a> .
Additional setup and instructions for using the printer: <ul style="list-style-type: none"> <li>• Selecting and storing paper and specialty media</li> <li>• Loading paper</li> <li>• Configuring printer settings</li> <li>• Viewing and printing documents and photos</li> <li>• Setting up and using the printer software</li> <li>• Configuring the printer on a network</li> <li>• Caring for and maintaining the printer</li> <li>• Troubleshooting and solving problems</li> </ul>	<p><i>Information Center</i>—Authoritative online resource for the latest product tips, instructions, and reference material.</p> <p>Go to <a href="http://infoserve.lexmark.com/ids/">http://infoserve.lexmark.com/ids/</a> and select your product.</p> <p><i>Help Menu Pages</i>—The guides may be available on the printer firmware and at <a href="http://support.lexmark.com">http://support.lexmark.com</a>.</p>
Information on setting up and configuring the accessibility features of your printer	<p><i>Lexmark Accessibility Guide</i>—The guide is available at <a href="http://support.lexmark.com">http://support.lexmark.com</a>.</p>
Help using the printer software	<p>Help for Microsoft® Windows® or Macintosh operating systems—Open a printer software program or application, and then click <b>Help</b>.</p> <p>Click  to view context-sensitive information.</p> <p><b>Notes:</b></p> <ul style="list-style-type: none"> <li>• Help is automatically installed with the printer software.</li> <li>• The printer software is located in the printer program folder or on the desktop, depending on the operating system.</li> </ul>
The latest supplemental information, updates, and customer support: <ul style="list-style-type: none"> <li>• Documentation</li> <li>• Driver downloads</li> <li>• Live chat support</li> <li>• E-mail support</li> <li>• Voice support</li> </ul>	<p><a href="http://support.lexmark.com">http://support.lexmark.com</a></p> <p><b>Note:</b> Select your country or region, and then select your product to view the appropriate support site.</p> <p>Support contact information for your country or region can be found on the support Web site or on the printed warranty that came with the printer.</p> <p>Have the following information (located on the store receipt and at the back of the printer) ready when you contact customer support:</p> <ul style="list-style-type: none"> <li>• Machine type number</li> <li>• Serial number</li> <li>• Date purchased</li> <li>• Store where purchased</li> </ul>

What are you looking for?	Find it here
<ul style="list-style-type: none"><li>• Safety information</li><li>• Regulatory information</li><li>• Warranty information</li></ul>	<p>Warranty information varies by country or region:</p> <ul style="list-style-type: none"><li>• <b>In the U.S.</b>—See the Statement of Limited Warranty included with the printer, or go to <a href="http://support.lexmark.com">http://support.lexmark.com</a>.</li><li>• <b>In other countries and regions</b>—See the printed warranty that came with the printer.</li></ul> <p><i>Product Information Guide</i>—This document contains basic safety, environmental, and regulatory information for your product. For more information, see the documentation that came with the printer or go to <a href="http://support.lexmark.com">http://support.lexmark.com</a>.</p>

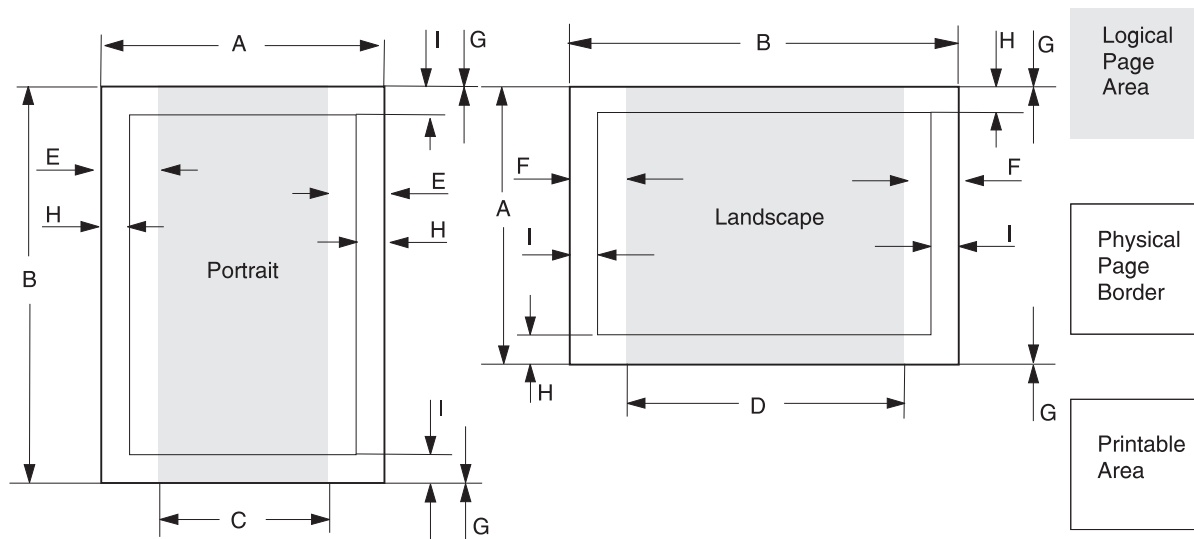
# Printer Control Language (PCL) page formatting

For more information on PCL®, see the *Printer Languages and Interfaces Technical Reference*. It contains a complete listing with descriptions of PCL commands.

To determine which PCL commands your printer supports, see [“Appendix A: PCL support” on page 18](#).

## Printable areas

The printable areas and logical pages for PCL emulation (both portrait and landscape orientation) are illustrated below. See the legend that follows for definitions of areas **A** through **I**.



Legend:	
<b>A</b>	Portrait physical page width and landscape physical page length
<b>B</b>	Portrait physical page length and landscape physical page width
<b>C</b>	Portrait logical page width
<b>D</b>	Landscape logical page width
<b>E</b>	Distance between the side edge of the physical page and the logical page in portrait
<b>F</b>	Distance between the side edge of the physical page and the logical page in landscape
<b>G</b>	Distance between the top and bottom edge of the physical page and logical page
<b>H</b>	Distance between the left and right edge of the physical page and the printable area in portrait, or distance between the top and bottom edge of the physical page and printable area in landscape
<b>I</b>	Distance between the top and bottom edge of the physical page and the printable area in portrait, or distance between the left and right edge of the physical page and the printable area in landscape

**Note:** The tables that follow in this chapter list the page sizes and dimensions of each area labeled on the preceding diagram for all paper and envelope sizes your printer supports.

## Supported paper and envelope dimensions

The following table lists the page sizes and print area dimensions for all supported paper and envelope sizes. For more information about the printable areas and logical pages for PCL emulation, see [“Printable areas” on page 8](#).



Selection		Paper/envelope dimensions		Dimensions by area (pels) <sup>*</sup>								
Page size parameters <sup>†</sup>	Name	mm	inches	A	B	C	D	E	F	G	H	I
<b>Paper</b>												
2, 602	Letter	216 x 279	8.5 x 11	5100	6600	4800	6360	150	120	0	100	100
3, 603	Legal	216 x 356	8.5 x 14	5100	8400	4800	8160	150	120	0	100	100
12, 45, 612	JIS B5	182 x 257	7.2 x 10.1	4300	6070	4000	5830	150	120	0	100	100
26, 626	A4 (198 mm) <sup>‡</sup>	210 x 297	8.3 x 11.7	4960	7014	4676	6778	142	118	0	80	100
26, 626	A4 (203 mm) <sup>‡</sup>	210 x 297	8.3 x 11.7	4960	7014	4800	6778	80	118	0	80	100
1, 601	Executive	184.2 x 266.7	7.25 x 10.5	4350	6300	4050	6060	150	120	0	100	100
13, 613	A5	148 x 210	5.83 x 8.27	3496	4960	3196	4720	142	118	0	100	100
300	Oficio (México)	215.9 x 340.4	8.5 x 13.4	5100	8040	4800	7800	150	120	0	100	100
4 or 10	Folio	216 x 330	8.5 x 13	5100	7800	4800	7560	150	120	0	100	100
15	Statement	139.7 x 215.9	5.5 x 8.5	3300	5100	3000	4860	150	120	0	100	100
24	A6	105 x 148	4.13 x 5.83	2480	3496	2196	3260	142	118	0	100	100
101	Universal	139.7 x 148 to 215.9 x 359.9	5.5 x 5.83 to 8.5 x 14.17	5100	8400	4800	8160	150	120	0	100	100
<b>Envelope</b>												
80	7 3/4 Envelope	98.4 x 190.5	3.875 x 7.5	2324	4500	2024	4260	150	120	0	100	100
89	9 Envelope	98.4 x 225.4	3.875 x 8.875	2324	5324	2024	5084	150	120	0	100	100
81	10 Envelope	104.8 x 241.3	4.125 x 9.5	2474	5700	2174	5460	150	120	0	100	100
90	DL Envelope	220 x 110	8.66 x 4.33	2598	5196	2314	4960	142	118	0	100	100
91	C5 Envelope	229 x 162	9.02 x 6.38	3826	5408	3542	5172	142	118	0	100	100
99 <sup>§</sup> , 100	B5 Envelope	176.0 x 250.0	6.93 x 9.84	4156	5904	3872	5668	142	118	0	100	100
600	Other Envelope	98.4 x 162 to 229 x 359.9	3.87 x 6.38 to 9.01 x 14.17	5100	8400	4800	8160	150	120	0	100	100

\* Pel dimensions are for 600 dpi.

<sup>†</sup> For more information, see the Page Control table in the PCL chapter of the *Printer Language and Interfaces Technical Reference*.

<sup>‡</sup> The width of the logical page can be changed from the control panel or your application.

<sup>§</sup> Paper ID 99 is supported for backward compatibility with other Lexmark printers. It has the same logical paper size as ID 100 (compatible with HP LaserJet 5Si/5SiMx) but is 8 pels wider than the Lexmark 4039.

**Note:** The explanation of the printable area assumes that the Print Area menu item is set to **Normal**. For more information, see "Print Area Menu Item" in the PCL chapter of the *Printer Language and Interfaces Technical Reference*.

## Printer Job Language (PJP)

### PJP commands information

Your printer supports complete PJP commands, including certain commands that cause the printer to enter PCL emulation, PostScript® emulation, and Personal Printer Data Stream (PPDS).

For a complete listing with descriptions of PJP commands, see the *Printer Languages and Interfaces Technical Reference*.

To determine which commands your printer supports, see [“Appendix B: PJP support” on page 25](#).

## PostScript (PS) emulation

Your printer supports complete PS emulation supplemental operators. For detailed descriptions of these operators, see the PS emulation chapter of the *Printer Languages and Interfaces Technical Reference*.

To determine which commands your printer supports, see [“Appendix C: PostScript support” on page 76](#).

### Supported paper sizes

Paper sizes					Printer model	
Size	Literal name	Size (mm)	Size (in.)	Size (points)	CS720, CS725	CX725
11 x 17	11 x 17	279.4 x 431.8	11 x 17	792 x 1224	X	X
17 x 11	ledger	431.8 x 279.4	17 x 11	1224 x 792	X	X
12 x 18	12 x 18	305 x 457	12 x 18	864 x 1296	X	X
A3	a3	297 x 420	11.7 x 16.54	842 x 1191	X	X
A4	a4	210.0 x 297.0	8.3 x 11.7	595 x 842	✓	✓
A5	a5	148.0 x 210.0	5.83 x 8.27	419 x 595	✓	✓
A6	a6	105.0 x 148.0	4.13 x 5.83	297 x 419	✓	✓
Executive	executivepage	184.2 x 266.7	7.25 x 10.5	522 x 756	✓	✓
Folio	folio	215.9 x 330.2	8.5 x 13.0	612 x 936	✓	✓
JIS B4	b4 <sup>*</sup>	257 x 364	10.12 x 14.33	729 x 1032	X	X
JIS B5	b5 <sup>*</sup>	182.0 x 257.0	7.2 x 10.1	516 x 729	✓	✓
Legal	legal	215.9 x 355.6	8.5 x 14.0	612 x 1008	✓	✓
Letter	letter	215.9 x 279.4	8.5 x 11.0	612 x 792	✓	✓
Oficio	oficio	216 x 340	8.5 x 13.4	612 x 965 <sup>†</sup> 612 x 972 <sup>‡</sup>	✓	✓
SRA3	SRA3	320 x 450	12.6 x 17.7	907 x 1274	X	X
Statement	statement	139.7 x 215.9	5.5 x 8.5	396 x 612	✓	✓
Universal		139.7 x 148 to 215.9 x 359.9	5.5 x 5.83 to 8.5 x 14.17	396 x 420 to 612 x 1058	✓	✓

<sup>\*</sup> This is a Japanese Industry Standard (JIS) paper size. The JIS and International Organization for Standardization (ISO) use the same name designation for different paper sizes.

<sup>†</sup> This is a Lexmark-unique paper size.

<sup>‡</sup> This is an official PostScript paper size.

## PostScript paper tray support

When the printer receives one of the operators listed in [“Tray selected with tray operators” on page 12](#), it performs the actions listed in this section. This paper tray selection process ends when a suitable paper source is chosen and paper is fed from that source.

- The printer checks the value of **manualfeed** in **statusdict** and the ManualFeed page device parameter. If either one is true, then the printer sends a message to load the requested size in the manual feeder or multipurpose feeder.
- The PageSize Policy is set to **0** with **setpagedevice**.
- The printer checks the paper size loaded in the current active source to determine if it matches the requested size. If the sizes match, then the paper is fed from the active source.

**Note:** The current active tray is the last source that was selected from the control panel or by the printer language.

- If the requested size and the size loaded in the active source do not match, then the sources are searched in the order defined by the Priority array in the InputAttributes dictionary in the pagedevice dictionary.
- If the previous search does not find the requested media size, then the following search order is used:
  - Tray 1
  - Tray 2
  - Tray 3
  - Multipurpose feeder
  - Tray 4
- If the requested size cannot be located in any automatic source, then a **configurationerror** is issued and the job is flushed.

For printers that support automatic two-sided printing (duplexing):

- All papers, except custom-size paper and envelopes, are supported for duplexing in the multipurpose feeder.
- If the paper source is changed before the back side of a two-sided page print, then a blank back page prints, the paper source changes, and the information for the back side of the page is printed on the front side of a page sent from the new paper source.

When these operators are used, it is equivalent to executing the following PostScript emulation sequence:

```
<< /PageSize [x y]/ImagingBBox null /Policies << /PageSize 0>> >>
setpagedevice
```

where **x** and **y** are the PageSize in points.

Operator	Tray selected (corresponding image size is set)	Printer model	
		CS720, CS725	CX725
11x17tray	Tray with 11 x 17 in.-size paper	X	X
12x18tray	Tray with 12 x 18 in.-size paper	X	X
a3tray	Tray with A3-size paper	X	X
a4tray	Tray with A4-size paper	✓	✓
a5tray	Tray with A5-size paper	✓	✓
a6tray	Tray with A6-size paper	✓	✓
b4tray	Tray with B4-size paper	X	X
b5tray	Tray with B5-size paper	✓	✓
customtray	Tray with custom-size paper	✓	✓
executivetray	Tray with executive-size paper	✓	✓

Operator	Tray selected (corresponding image size is set)	Printer model	
		CS720, CS725	CX725
foliotray	Tray with folio-size paper	✓	✓
ledgertray	Tray with ledger-size paper	✓	✓
legaltray	Tray with legal-size paper	✓	✓
lettertray	Tray with letter-size paper	✓	✓
oficiotray	Tray with oficio-size paper	✓	✓
sra3tray	Tray with sra3-size paper	✗	✗
statementtray	Tray with statement-size paper	✓	✓

## PostScript envelope size support

The literal names in [“Envelope sizes supported” on page 13](#) are also supported as operators in **userdict**. These operators change the image size but not the active paper source. Therefore, when these operators are used, part of the image may be clipped.

When these literal names are used as operators, it is equivalent to executing the following PostScript emulation sequence. The following example uses a 3.875 x 7.5-inch envelope.

```
<</Policies <</PageSize 7>> /PageSize [279 540]>> >>setpagedevice
```

Envelope sizes					Printer model	
Size name	Literal name	Size (mm)	Size (in.)	Size (points)	CS720, CS725	CX725
7 3/4	3.875x7.5envelope	98.4 x 190.5	3.875 x 7.5	279 x 540	✓	✓
Commercial 9	3.875x8.875envelope	98.4 x 225.4	3.875 x 8.875	279 x 639	✓	✓
Commercial 10	4.125x9.5envelope	104.8 x 241.3	4.125 x 9.5	297 x 684	✓	✓
International B5	176x250envelope	176 x 250	6.93 x 9.84	499 x 708	✓	✓
International C5	162x229envelope	162 x 229	6.38 x 9.01	459 x 649	✓	✓
International DL	110x220envelope	110 x 220	4.33 x 8.66	312 x 624	✓	✓
Other envelope	otherenvelope	98.4 x 162 to 229 x 359.9	3.87 x 6.38 to 9.01 x 14.17	278 x 459 to 649 x 1020	✓	✓

### Literal names supported

Literal name	Compatible literal name	Printer model	
		CS720, CS725	CX725
b5envelope	176x250envelope	✓	✓
c5envelope	162x229envelope	✓	✓
com10envelope	4.125x9.5envelope	✓	✓
dlenvelope	110x220envelope	✓	✓
monarcenvelope	3.875x7.5envelope	✓	✓

## PostScript envelope tray support

The envelope tray the printer selected when it receives an **envelopetray** operator is listed in [“Envelopetray operator selections” on page 14](#).

### Printer action when manualfeed is false

The printer sets the PageSize Policy to **0** if **manualfeed** in **statusdict** and the ManualFeed page device parameter are false.

The printer checks and compares source tray size settings between printer and print job data stream.

Envelope setting	Printer action
Envelope size settings match	The printer pulls the envelope.
Envelope size settings do not match	The printer searches sources in the order defined by the Priority array in the InputAttributes dictionary in the pagedevice dictionary. If search cannot find the requested media size, then the following search order is used: <ul style="list-style-type: none"> <li>• Envelope feeder</li> <li>• Multipurpose feeder</li> </ul>
Requested size and type are not available from any automatic source	You are prompted to load the requested envelope size and type in the manual feed source. If the size is still not available, then a <b>configurationerror</b> is issued, and the print job is flushed.

### Printer action when manualfeed is true

The printer prompts you to load the requested size manually if manualfeed or ManualFeed is true. If no manual feed exists on the printer, then a **rangecheck** error message is issued.

These operators are equivalent to executing the following PostScript emulation sequence:

```
<</PageSize [x y] /ImagingBBox null /Policies<</PageSize 0>> >>
setpagedevice
```

where **x** and **y** are the PageSize in points.

Tray operators		Printer model	
Operator	Tray selected (corresponding image size is set)	CS720, CS725	CX725
110x220envelopetray	Tray with 110 x 220-size envelopes	✓	✓
dlenvelopetray	Tray with 110 x 220-size envelopes	✓	✓
162x229envelopetray	Tray with 162 x 229-size envelopes	✓	✓
c5envelopetray	Tray with 162 x 229-size envelopes	✓	✓
176x250envelopetray	Tray with 176 x 250-size envelopes	✓	✓
b5envelopetray	Tray with 176 x 250-size envelopes	✓	✓
3.875x7.5envelopetray	Tray with 3.875 x 7.5-size envelopes	✓	✓
monarcenvelopetray	Tray with 3.875 x 7.5-size envelopes	✓	✓
3.875x8.875envelopetray	Tray with 3.875 x 8.875-size envelopes	✓	✓
4.125x9.5envelopetray	Tray with 4.125 x 9.5-size envelopes	✓	✓
com10envelopetray	Tray with 4.125 x 9.5-size envelopes	✓	✓
otherenvelopetray	Tray with other size envelopes	✓	✓

## Printer specifications

### Airflow requirement

The room should meet ASHRAE 62—1989 standards.

### Noise emission levels

The following measurements are in accordance with ISO 7779 and in conformance with ISO 9296.

Status	1-meter average sound pressure, dBA		
	CS720	CS725	CX725
Duplex Mono Printing	52	55	55
Duplex Color Printing	53	55	55
Idle (Standby mode)	15	15	16
Simplex Printing	51	53	53
Simplex Printing (Quiet mode)	47	47	48
ADF Copy	Not applicable	Not applicable	56
Scan to file			53
Express Scan			56

Status	Declared sound power level, bels		
	CS720	CS725	CX725
Duplex Mono Printing	6.7	7.0	7.0
Duplex Color Printing	6.8	7.0	7.0
Idle (Standby mode)	3.1	3.1	3.3
Simplex Printing	6.6	6.8	6.8
Simplex Mono Printing (Quiet mode)	6.2	6.2	6.2
Simplex Color Printing (Quiet mode)	6.2	6.2	6.3
ADF Mono Copy	Not applicable	Not applicable	7.3
ADF Color Copy			7.2
Scan to file			7.1
Express Scan			7.3

### Electrical specifications

Printer model	Electrical specification
CS720, CS725, and CX725 low-voltage models	100–127 V at 50–60Hz, nominal 90–140 V, extreme
CS720, CS725, and CX725 high-voltage models	220–240 V at 50–60Hz, nominal (not available in all countries) 198–259 V, extreme

**Warning—Potential Damage:** Do not use voltage converters with printers.

## Power requirements

The following table specifies the nominal average power requirements for the base configuration, including fuser power.

### CS720, CS725, and CX725 nominal average power requirements

State	CS720	CS725	CX725
<b>Average power while printing continuously (Watts)</b>			
Print (simplex)	560	680	700
Print (duplex)	470	570	600
<b>Average power while idle (Watts)</b>			
Hibernate mode	0.2	0.3	0.2
Ready mode	80	80	100
Ready mode (Low power state)	45	45	60
Sleep mode	2.4	2.4	2.6
Off	0.2	0.2	0.2
<b>Average power while copying continuously</b>			
Copy	Not applicable	Not applicable	460
<b>Average power while scanning continuously</b>			
ADF Scan	Not applicable	Not applicable	85
<b>Typical Electricity Consumption (kWh/week)</b>			
Normal mode	1.9	2.3	2.4

### CS720, CS725, and CX725 maximum current while printing (Ampere)

State	CS720	CS725	CX725
100–110 V	11.5	11.5	12.6
115–127 V	9.9	9.9	10.6
220–240 V	5.1	5.1	5.7

## Physical specifications

### Printer dimensions (unpacked)

Printer model	Height	Width	Depth	Weight
CS720/CS725de	417 mm (16.4 in.)	475 mm (18.7 in.)	499 mm (19.5 in.)	36.5 kg (80.5 lb)
CS720/CS725dte	536 mm (21.1 in.)	475 mm (18.7 in.)	499 mm (19.5 in.)	43 kg (95 lb)
CX725de/dhe	648 mm (25.5 in.)	505 mm (19.9 in.)	533 mm (21 in.)	44.8 kg (101 lb)
CX725dthe	767 mm (30.2 in.)	505 mm (19.9 in.)	533 mm (21 in.)	52.6 kg (116 lb)

### Dimensions of the CS720, CS725, and CX725 hardware options

Option	Height	Width	Depth	Weight
550-sheet tray	119 mm (4.7 in.)	463 mm (18.23 in.)	483 mm (19 in.)	6.8 kg (15 lb)
Adjustable Printer Stand	521 mm (20.5 in.)	653 mm (25.7 in.)	625 mm (24.6 in.)	22.5 kg (49.5 lb)



## Clearance requirements

These clearance values are for the most compact operating configuration of the product. Additional clearance (especially from the front) may be needed to utilize the multipurpose feeder, clear paper misfeed, lift the scanner lid (for MFPs only), or replace toner and imaging unit.

Printer model	Left side	Right side	Front	Rear	Top
CS720, CS725	152 mm (6 in.)	508 mm (20 in.)	508 mm (20 in.)	102 mm (4 in.)	254 mm (10 in.)
CX725	152 mm (6 in.)	508 mm (20 in.)	508 mm (20 in.)	102 mm (4 in.)	292 mm (11.5 in.)

## Environmental specifications

When shipping or storing printers, always pack the printer supplies (such as cartridges) separately.

Environment	Specifications
Air temperature (product power off)	10 to 43.3°C (50 to 110°F)
Ambient operating environment	10 to 32.2°C (50 to 90°F) 15 to 80% RH
Extended low humidity operating environment	15.6 to 32.2°C (60 to 90°F) 8 to 15% RH
<b>Wet bulb temperature</b>	
Product operating	22.8°C (73°F)
Product power off	26.7°C (80.1°F)
<b>Cartridge or imaging unit</b>	
Short term shipping	-40 to 43.3°C (-40 to 110°F)
Long term storage	1.1 to 35°C (34 to 95°F) 8 to 80% RH

## Altitude and atmospheric pressure specifications

Environment	Specification
Altitude (operating)	0–2896 m (9500 ft)
Altitude (packaged)	0–10363 m (34000 ft)
Atmospheric pressure	74.6 kPa

## Appendix A: PCL support

### PCL emulation commands

Command	Function	Printer model	
		CS720, CS725	CX725
Decimal 8	Backspace (BS)	✓	✓
Decimal 9	Horizontal Tab (HT)	✓	✓
Decimal 10	Line Feed (LF)	✓	✓
Decimal 12	Form Feed (FF)	✓	✓
Decimal 13	Carrier Return (CR)	✓	✓
Decimal 14	Select Secondary Font (SO)	✓	✓
Decimal 15	Select Primary Font (SI)	✓	✓
Decimal 32	Space (SP)	✓	✓
ESC $\text{E}$	Printer Reset	✓	✓
ESC $\text{Y}$	Display Functions On	✓	✓
ESC $\text{Z}$	Display Functions Off	✓	✓
ESC $\text{Z}$	Print Test Page	X	X
ESC&a#C	Set Horizontal Cursor Position (Column Number)	✓	✓
ESC&a#G	Duplex Page Side Selection	✓	✓
ESC&a#H	Set Horizontal Cursor Position (in Decipoints)	✓	✓
ESC&a#L	Set Left Margin	✓	✓
ESC&a#M	Set Right Margin	✓	✓
ESC&a#N	Negative Motion	X	X
ESC&a#P	Print Direction	✓	✓
ESC&a#R	Set Vertical Cursor Position (Row Number)	✓	✓
ESC&a#V	Set Vertical Cursor Position (in Decipoints)	✓	✓
ESC&b#M	Monochrome Print Mode	✓	✓
ESC&b#W[data]	Key / Value Pair	X	X
ESC&c#T	Character Text Path Direction	✓	✓
ESC&d@	Disable Underline	✓	✓
ESC&d#A	Collation - Collated Copies (QTY)	✓	✓

Command	Function	Printer model	
		CS720, CS725	CX725
ESC&d#D	Select Underline Type	✓	✓
ESC&f#F	Set Universal Height	✓	✓
ESC&f#G	Set Universal Width	✓	✓
ESC&f#O	Set Universal Feed Direction	✓	✓
ESC&f#W[custom name]	Set Universal Custom Name	✓	✓
ESC&f#S	Push/Pop Cursor	✓	✓
ESC&f#X	Macro Control	✓	✓
ESC&f#Y	Set Macro ID	✓	✓
ESC&k#G	Set Line Termination	✓	✓
ESC&k#H	Set Horizontal Motion Index (HMI)	✓	✓
ESC&k#S	Select Primary and Secondary Pitch	✓	✓
ESC&k#W	Text Scale Mode	x	x
ESC&l#A	Set Page Size	✓	✓
ESC&l#A [optional data]	Set Page Size with Custom Load Messaging	✓	✓
ESC&l#C	Set Vertical Motion Index (VMI)	✓	✓
ESC&l#D	Set Line Spacing	✓	✓
ESC&l#E	Set Top Margin	✓	✓
ESC&l#F	Set Text Length	✓	✓
ESC&l#G	Set Output Bin	✓	✓
ESC&l#H	Select Paper Feed	✓	✓
ESC&l#L	Skip Perforation	✓	✓
ESC&l#O	Select Orientation	✓	✓
ESC&l#M	Media Type	x	x
ESC&l#P	Set Page Length	✓	✓
ESC&l#S	Simplex/Duplex	✓	✓
ESC&l1T	Job Separation	x	x
ESC&l#U	Left (Long-Edge) Offset Registration	✓	✓
ESC&l#X	Set Copy Count	✓	✓
ESC&l#Z	Top (Short-Edge) Offset Registration	✓	✓

Command	Function	Printer model	
		CS720, CS725	CX725
ESC&n#W [operation] [string id]	Alphanumeric ID	✓	✓
ESC&p#C	Palette Control	✓	✓
ESC&p#I	Palette Control ID	✓	✓
ESC&p#S	Select Palette	✓	✓
ESC&p#X[data]	Transparent Print Data	✓	✓
ESC&r#F	Flush All Pages	✓	✓
ESC&s#C	End-Of-Line Text Wrap	✓	✓
ESC&t#P	Text Parsing Method	✓	✓
ESC&u#D	Unit of Measure	✓	✓
ESC(#	Select Symbol Set	✓	✓
ESC(#X	Select Font by ID	✓	✓
ESC(3@	Select Default Primary Font	✓	✓
ESC(f#W[data]	Define Symbol Set	✓	✓
ESC(s#B	Select Stroke Weight	✓	✓
ESC(s#H	Select Pitch	✓	✓
ESC(s#P	Select Spacing	✓	✓
ESC(s#S	Select Style	✓	✓
ESC(s#T	Select Typeface	✓	✓
ESC(s#V	Select Point Size	✓	✓
ESC(s#W[data]	Load Character	✓	✓
ESC)#	Secondary Font Symbol Set	X	X
ESC)#X	Select Secondary Download Font (by Font ID)	X	X
ESC)3@	Select Default Secondary Font	✓	✓
ESC)s#B	Secondary Font Stroke Weight	X	X
ESC)s#H	Secondary Font Pitch	X	X
ESC)s#P	Secondary Font Spacing	X	X
ESC)s#S	Secondary Font Style	X	X
ESC)s#T	Secondary Font Typeface Selection	X	X
ESC)s#V	Secondary Font Height (Point Size)	X	X
ESC)s#W[data]	Load Font Header	✓	✓

Command	Function	Printer model	
		CS720, CS725	CX725
ESC*b#M	Set Raster Compression Mode	✓	✓
ESC*b#V[data]	Transfer Raster Data (Plane)	✓	✓
ESC*b#W[data]	Transfer Raster Data (Row/Block)	✓	✓
ESC*b#Y	Y Offset	✓	✓
ESC*c#A	Horizontal Rectangle Size (in PCL Units)	✗	✗
ESC*c#B	Vertical Rectangle Size (in PCL Units)	✗	✗
ESC*c#D	Set Font ID	✓	✓
ESC*c#E	Set Character Code	✓	✓
ESC*c#F	Font Control	✓	✓
ESC*c#G	Area Fill ID	✓	✓
ESC*c#H	Horizontal Rectangle Size (in Decipoints)	✗	✗
ESC*c#K	Horizontal Plot Size (in Inches)	✓	✓
ESC*c#L	Vertical Plot Size (in Inches)	✓	✓
ESC*c#P	Fill Rectangular Area	✓	✓
ESC*c#Q	Pattern Control	✓	✓
ESC*c#R	Symbol Set ID Code	✓	✓
ESC*c#S	Symbol Set Control	✓	✓
ESC*cOT	Set Picture Frame Anchor Point	✓	✓
ESC*c#V	Vertical Rectangle Size (in Decipoints)	✗	✗
ESC*c#W[data]	Define Pattern	✓	✓
ESC*c#X	Picture Frame Horizontal Size (in Decipoints)	✓	✓
ESC*c#Y	Picture Frame Vertical Size (in Decipoints)	✓	✓
ESC* <i>l</i> #O	Logical Operation	✓	✓
ESC* <i>l</i> #R	Pixel Placement	✓	✓
ESC* <i>l</i> #W[data]	Color Lookup Tables	✗	✗
ESC*m#W[data]	Download Dither Matrix	✓	✓
ESC*o#M(b)	Print Quality	✗	✗
ESC*o#Q	Mechanical Print Quality	✗	✗

Command	Function	Printer model	
		CS720, CS725	CX725
ESC*o#W[data]	Driver Configuration	✓	✓
ESC*p#P	Push/Pop Palette	✓	✓
ESC*p#R	Set Pattern Reference Point	✓	✓
ESC*p#X	Set Horizontal Cursor Position (in PCL Units)	✓	✓
ESC*p#Y	Set Vertical Cursor Position (in PCL Units)	✓	✓
ESC*r#A	Start Raster Graphics	✓	✓
ESC*r#F	Raster Graphics Presentation	✓	✓
ESC*r#S	Raster Width (Source)	✓	✓
ESC*r#T	Raster Height (Source)	✓	✓
ESC*r#U	Simple Color	✓	✓
ESC*r#B	End Raster Graphics (Version B)	✓	✓
ESC*r#C	End Raster Graphics (Version C)	✓	✓
ESC*s#I	Inquire Status Readback Entity	✓	✓
ESC*s#IM	Free Space	✓	✓
ESC*s#T	Set Status Readback Location Type	✓	✓
ESC*s#U	Set Status Readback Location Unit	✓	✓
ESC*s#X	Echo	✓	✓
ESC*t#H	Raster Width (Destination)	✓	✓
ESC*t#I	Gamma Correction	✓	✓
ESC*t#J	Render Algorithm	x	x
ESC*t#K	Scale Algorithm	x	x
ESC*t#R	Set Resolution	✓	✓
ESC*t#V	Raster Height (Destination)	✓	✓
ESC*g#W	Set Raster Configuration	x	x
ESC*v#A	Color Component One	✓	✓
ESC*v#B	Color Component Two	✓	✓
ESC*v#C	Color Component Three	✓	✓
ESC*v#I	Assign Color Index	✓	✓
ESC*v#N	Source Transparency Mode	✓	✓

Command	Function	Printer model	
		CS720, CS725	CX725
ESC*v#O	Pattern Transparency Mode	✓	✓
ESC*v#S	Foreground Color	✓	✓
ESC*v#T	Select Current Pattern	✓	✓
ESC*v#W[data]	Configure Image Data	✓	✓
ESC*i#W[data]	Viewing Illuminant	✗	✗
ESCg	Clear Horizontal Margins	✓	✓
ESC=	Half Line-Feed	✓	✓
ESC%#A	Enter HP PCL 5 Mode	✓	✓
ESC%#B	Enter HP-GL/2 Mode <b>Note:</b> The values -1, 2, and 3 are not supported by any of the printers included in this document.	✓	✓
ESC%-12345X	Universal Exit Language (UEL) / Start of PJJ	✓	✓

## GL/2 commands

Command	Function	Printer model	
		CS720, CS725	CX725
AA	Arc Absolute	✓	✓
AC	Anchor Corner	✓	✓
AD	Define Alternate Font	✓	✓
AR	Arc Relative	✓	✓
AT	Arc Absolute Three Point	✓	✓
BR	Bezier Relative	✓	✓
BZ	Bezier Absolute	✓	✓
CF	Character Fill	✓	✓
CI	Circle	✓	✓
CO	Comment	✓	✓
CP	Character Plot	✓	✓
CR	Color Range	✓	✓
DF	Default	✓	✓
DI	Absolute Direction	✓	✓

Command	Function	Printer model	
		CS720, CS725	CX725
DR	Relative Direction	✓	✓
DT	Define Label Terminator	✓	✓
DV	Define Variable Text Path	✓	✓
EA	Edge Rectangle Absolute	✓	✓
EP	Edge Polygon	✓	✓
ER	Edge Rectangle Relative	✓	✓
ES	Extra Space	✓	✓
EW	Edge Wedge	✓	✓
FI	Primary Font	✓	✓
FN	Secondary Font	✓	✓
FP	Fill Polygon, Odd/Even	✓	✓
FP	Fill Polygon, Non-Zero Winding	✓	✓
FT	Fill Type	✓	✓
FT	Fill Type - 22	✓	✓
FT	Fill Type - 9	✓	✓
IN	Initialize	✓	✓
IP	Input P1 and P2	✓	✓
IR	Input Relative P1 and P2	✓	✓
IW	Input Window	✓	✓
LA	Line Attributes	✓	✓
LB	Label, Default Terminator = '03'x	✓	✓
LO	Label Origin	✓	✓
LO	Uses PCL Label Origin	✓	✓
LT	Line Type	✓	✓
LM	Label Mode	x	x
MC	Logical Operation	✓	✓



## Appendix B: PjL support

### Common variables for both printer languages

Variable name	Printer model	
	CS720, CS725	CX725
AUTOCONT	✓	✓
AUTOSELECT	x	x
BINDING	✓	✓
BITSPERPIXEL	x	x
CLEARABLEWARNINGS	✓	✓
CONTEXTSWITCH	x	x
COPIES	✓	✓
CPLOCK	✓	✓
DENSITY	✓	✓
DISKLOCK	x	x
DUPLEX	✓	✓
ECONOMODE	x	x
FORMATTERNUMBER	✓	✓
FORMLINES	✓	✓
HELDJOBTIMEOUT	✓	✓
HOLD	✓	✓
HOLDKEY	✓	✓
HOLDTYPE	✓	✓
IMAGEADAPT	x	x
INTRAY1	x	x
INTRAY2	✓	✓
INTRAY3	✓	✓
INTRAY4	✓	✓
INTRAY5	x	x
INTRAY1SIZE	✓	✓
INTRAY2SIZE	✓	✓
INTRAY3SIZE	✓	✓
INTRAY4SIZE	✓	✓
INTRAY5SIZE	x	x

Variable name	Printer model	
	CS720, CS725	CX725
IOBUFFER	X	X
IOSIZE	X	X
JOBATTR	X	X
JOBNAME	√	√
JOBOFFSET	X	X
LANG	√	√
LOWTONER	√	√
MANUALFEED	√	√
MEDIASOURCE	X	X
MEDIATYPE	√	√
MPTRAY	√	√
ORIENTATION	√	√
OUTBIN	√	√
PAGEPROTECT	√	√
PAPER	√	√
PARALLEL	X	X
PASSWORD	√	√
PERSONALITY	√	√
POWERSAVE	√	√
POWERSAVETIME	√	√
PRINTEXPRESSMODE	√	√
PRINTQUALITY	X	X
QTY	√	√
RENDERMODE	X	X
REPEATJOBTIMEOUT	√	√
REPRINT	√	√
RESERVEJOBTIMEOUT	√	√
RESOLUTION	√	√
RESOURCESAVE	√	√
RESOURCESAVESIZE	X	X
RET	X	X
STRINGCODESET	√	√

Variable name	Printer model	
	CS720, CS725	CX725
TIMEOUT	✓	✓
USERNAME	✓	✓
VERIFYJOBTIMEOUT	✓	✓
WIDEA4	✓	✓

## Lexmark-unique PjL variables for both printer languages

Variable name	Printer model	
	CS720, CS725	CX725
LA5LOADING	X	X
LACCESSIBILITYTIMEOUTEXTENSION	✓	✓
LACTIVEBINRESET	✓	✓
LADVANCEDSTATUS	✓	✓
LALARMCONTROL	✓	✓
LAUTOCRLF	✓	✓
LAUTOLFCR	✓	✓
LBAYERSCREENLIMIT	✓	✓
LBLANKPAGES	✓	✓
LBONDLENGTH	X	X
LBONDLOADING	✓	✓
LBONDOUTBIN	✓	✓
LBONDTEXTURE	✓	✓
LBONDWEIGHT	X	X
LBOTTOMMARGINOFFSET	X	X
LBWLOCK	X	X
LCANCEL	✓	✓
LCARDSTOCKLENGTH	X	X
LCARDSTOCKLOADING	✓	✓
LCARDSTOCKOUTBIN	✓	✓
LCARDSTOCKTEXTURE	✓	✓
LCARDSTOCKWEIGHT	✓	✓
LCOLLATION	✓	✓

Variable name	Printer model	
	CS720, CS725	CX725
LCOLORBALANCEBLACK	✓	✓
LCOLORBALANCECYAN	✓	✓
LCOLORBALANCEMAGENTA	✓	✓
LCOLORBALANCEYELLOW	✓	✓
LCOLORCORRECTION	✓	✓
LCOLOREDLENGTH	x	x
LCOLOREDLOADING	✓	✓
LCOLOREDOUTBIN	✓	✓
LCOLOREDTEXTURE	✓	✓
LCOLOREDWEIGHT	✓	✓
LCOLORMODEL	✓	✓
LCOLORSAVER	✓	✓
LCOLORTRAPPING	✓	✓
LCUSTOMPAPERUNITS	✓	✓
LCUSTOMPAPERWIDTH	✓	✓
LCUSTOMPAPERHEIGHT	✓	✓
LCUSTOMPAPERFEED	✓	✓
LCUSTOMTYPE1LENGTH	x	x
LCUSTOMTYPE1LOADING	✓	✓
LCUSTOMTYPE1MEDIA	✓	✓
LCUSTOMTYPE1NAME	✓	✓
LCUSTOMTYPE1OUTBIN	✓	✓
LCUSTOMTYPE1TEXTURE	✓	✓
LCUSTOMTYPE1WEIGHT	✓	✓
LCUSTOMTYPE2LENGTH	x	x
LCUSTOMTYPE2LOADING	✓	✓
LCUSTOMTYPE2MEDIA	✓	✓
LCUSTOMTYPE2NAME	✓	✓
LCUSTOMTYPE2OUTBIN	✓	✓
LCUSTOMTYPE2TEXTURE	✓	✓

Variable name	Printer model	
	CS720, CS725	CX725
LCUSTOMTYPE2WEIGHT	✓	✓
LCUSTOMTYPE3LENGTH	x	x
LCUSTOMTYPE3LOADING	✓	✓
LCUSTOMTYPE3MEDIA	✓	✓
LCUSTOMTYPE3NAME	✓	✓
LCUSTOMTYPE3OUTBIN	✓	✓
LCUSTOMTYPE3TEXTURE	✓	✓
LCUSTOMTYPE3WEIGHT	✓	✓
LCUSTOMTYPE4LENGTH	x	x
LCUSTOMTYPE4LOADING	✓	✓
LCUSTOMTYPE4MEDIA	✓	✓
LCUSTOMTYPE4NAME	✓	✓
LCUSTOMTYPE4OUTBIN	✓	✓
LCUSTOMTYPE4TEXTURE	✓	✓
LCUSTOMTYPE4WEIGHT	✓	✓
LCUSTOMTYPE5LENGTH	x	x
LCUSTOMTYPE5LOADING	✓	✓
LCUSTOMTYPE5MEDIA	✓	✓
LCUSTOMTYPE5NAME	✓	✓
LCUSTOMTYPE5OUTBIN	✓	✓
LCUSTOMTYPE5TEXTURE	✓	✓
LCUSTOMTYPE5WEIGHT	✓	✓
LCUSTOMTYPE6LENGTH	x	x
LCUSTOMTYPE6LOADING	✓	✓
LCUSTOMTYPE6MEDIA	✓	✓
LCUSTOMTYPE6NAME	✓	✓
LCUSTOMTYPE6OUTBIN	✓	✓
LCUSTOMTYPE6TEXTURE	✓	✓
LCUSTOMTYPE6WEIGHT	✓	✓
LDISPLAYESTIMATESIN	✓	✓

Variable name	Printer model	
	CS720, CS725	CX725
LDOWNLOADTARGET	✓	✓
LDRYTIMEDELAY	x	x
LDUPLEXLEFTMARGINOFFSET	✓	✓
LDUPLEXTOPMARGINOFFSET	x	x
LDUPLICATEHELDJOBS	✓	✓
LECOMODE	✓	✓
LENVELOPEENHANCE	x	x
LENVELOPELENGTH	x	x
LENVELOPEOUTBIN	✓	✓
LENVELOPETEXTURE	✓	✓
LENVELOPEWEIGHT	✓	✓
LESCCHAR	✓	✓
LFAXFOLD	x	x
LFAXJOBWAITFORTONER	x	✓
LFAXREDIAL	x	✓
LFAXREDIALFREQUENCY	x	✓
LFAXRESOLUTION	x	✓
LFAXTRANSMISSIONLOG	x	✓
LFOLDOPTION	✓	✓
LFEEDERPAPERTYPE	✓	✓
LFOLD	✓	✓
LFONTDENSITY	✓	✓
LGLOSSYLOADING	✓	✓
LGLOSSYOUTBIN	✓	✓
LGLOSSYTEXTURE	✓	✓
LGLOSSYWEIGHT	✓	✓
LHEAVYGLOSSYLOADING	✓	✓
LHEAVYGLOSSYOUTBIN	✓	✓
LHEAVYGLOSSYTEXTURE	✓	✓
LHEAVYGLOSSYWEIGHT	✓	✓
LHEAVYPAPERLOADING	✓	✓

Variable name	Printer model	
	CS720, CS725	CX725
LHEAVYPAPEROUTBIN	✓	✓
LHEAVYPAPERTEXTURE	✓	✓
LHEAVYPAPERWEIGHT	✓	✓
LHELDJOBPRTOORDER	✓	✓
LHIBERNATETIMEOUT	✓	✓
LHIBERNATETIMEOUTOVERRIDE	✓	✓
LHOLEPUNCHALARM	✓	✓
LHOLEPUNCHMODE	✓	✓
LHONORINIT	✓	✓
LIMAGEESS	x	x
LIMAGEBRIGHTNESS	✓	✓
LIMAGECONTRAST	✓	✓
LIMAGEENHANCE	✓	✓
LIMAGEENHANCETYPE	✓	✓
LIMAGEORIENTATION	✓	✓
LIMAGESATURATION	✓	✓
LIMAGESMOOTHING	✓	✓
LINFEDDER	✓	✓
LINFEDDERSIZE	✓	✓
LINKALERT	x	x
LINMPFEEDERSIZE	✓	✓
LJAMASSIST	✓	✓
LJAMRECOVERY	✓	✓
LJOBPARKPERSIST	✓	✓
LJOBWAITFORSUPPLIES	✓	✓
LLABELSLENGTH	x	x
LLABELSLOADING	✓	✓
LLABELSOUTBIN	✓	✓
LLABELSTEXTURE	✓	✓
LLABELSWEIGHT	✓	✓

Variable name	Printer model	
	CS720, CS725	CX725
LLASTTRAYRENUMBER	✓	✓
LLEFTMARGINOFFSET	✓	✓
LLETTERHEADLENGTH	x	x
LLETTERHEADLOADING	✓	✓
LLETTERHEADOUTBIN	✓	✓
LLETTERHEADTEXTURE	✓	✓
LLETTERHEADWEIGHT	x	x
LLIGHTPAPERLOADING	✓	✓
LLIGHTPAPEROUTBIN	✓	✓
LLIGHTPAPERTEXTURE	✓	✓
LLIGHTPAPERWEIGHT	✓	✓
LLINEDETAIL	✓	✓
LMANUALCOLORRGBTEXT	✓	✓
LMANUALCOLORRGBGRAPHICS	✓	✓
LMANUALCOLORRGBIMAGE	✓	✓
LMANUALCOLORCMYKTEXT	✓	✓
LMANUALCOLORCMYKGRAPHICS	✓	✓
LMANUALCOLORCMYKIMAGE	✓	✓
LMANUALENVELOPESIZE	✓	✓
LMANUALENVELOPETYPE	✓	✓
LMANUALPAPERSIZE	✓	✓
LMANUALPAPERTYPE	✓	✓
LMEDIASIZEISSET	✓	✓
MICRJOB	✓	✓
LMAXSTATUSMSG	x	x
LMPFEEDERPAPERTYPE	✓	✓
LMPFEEDERRENUMBER	✓	✓
LMULTIPAGEBORDER	✓	✓
LMULTIPAGEORDER	✓	✓
LMULTIPAGEPRINT	✓	✓



Variable name	Printer model	
	CS720, CS725	CX725
LMULTIPAGEVIEW	✓	✓
LNPAP	✓	✓
LOPTIONALOUTBIN1NAME	✓	✓
LOPTIONALOUTBIN2NAME	✓	✓
LOPTIONALOUTBIN3NAME	✓	✓
LOPTIONALOUTBIN4NAME	✓	✓
LOPTIONALOUTBIN5NAME	✓	✓
LOPTIONALOUTBIN6NAME	✓	✓
LOPTIONALOUTBIN7NAME	✓	✓
LOPTIONALOUTBIN8NAME	✓	✓
LOPTIONALOUTBIN9NAME	x	x
LOPTIONALOUTBIN10NAME	x	x
LOPTIONALOUTBIN11NAME	x	x
LOPTIONALOUTBIN12NAME	x	x
LOUTBINCONFIG	✓	✓
LOVERFLOWOUTBIN	✓	✓
LOVERFLOWTIMER	✓	✓
LPAGECOUNT	✓	✓
LPAGEMODE	✓	✓
LPAGERANGE	x	x
LPAGESREMAININGDISPLAY	✓	✓
LPAPERSOURCE	✓	✓
LPICTUREGRADE	x	x
LPLAINLENGTH	x	x
LPLAINOUTBIN	✓	✓
LPLAINTEXTURE	✓	✓
LPLAINWEIGHT	✓	✓
LPOWERSAVER	✓	✓
LPPDS	✓	✓
LPPDSFORMLINES	✓	✓
LPPDSLINESPERINCH	✓	✓

Variable name	Printer model	
	CS720, CS725	CX725
LPREPRINTEDLENGTH	X	X
LPREPRINTEDLOADING	✓	✓
LPREPRINTEDOUTBIN	✓	✓
LPREPRINTEDTEXTURE	✓	✓
LPREPRINTEDWEIGHT	✓	✓
LPRINTBUFFER	✓	✓
LPRINTSCREENS	✓	✓
LPRINTHEADIDLETIME	✓	✓
LPRINTERUSAGE	✓	✓
LPRINTMENUSBUTTON	X	X
LPRINTQUALITY	X	X
LPUNCH	✓	✓
LQUIETMODE	✓	✓
LREAROUTBINNAME	X	X
LRECYCLEDLOADING	✓	✓
LRECYCLEDMEDIA	✓	✓
LRECYCLEDOUTBIN	✓	✓
LRECYCLEDTEXTURE	✓	✓
LRECYCLEDWEIGHT	✓	✓
LREPEATPRINTLIMIT	✓	✓
LRESET	✓	✓
LRESOURCESAVE	✓	✓
LRIGHTMARGINOFFSET	✓	✓
LROUGHENVELOPELOADING	✓	✓
LROUGHENVELOPEOUTBIN	✓	✓
LROUGHENVELOPETEXTURE	✓	✓
LROUGHENVELOPEWEIGHT	X	X
LROUGH PAPERLOADING	✓	✓
LROUGH PAPEROUTBIN	✓	✓
LROUGH PAPERTEXTURE	✓	✓
LROUGH PAPERWEIGHT	✓	✓

Variable name	Printer model	
	CS720, CS725	CX725
LSCREENING	X	X
LSEPARATORSHEETS	✓	✓
LSEPARATORSOURCE	✓	✓
LSMALLFONTENHANCER	✓	✓
LSSGALVO	X	X
LSTANDARDOUTBINNAME	✓	✓
LSTAPLE	✓	✓
LSTAPLEEMPTYALARM	✓	✓
LSTAPLETESTBIN	X	X
LSTAPLETESTSOURCE	X	X
LSTROKEWIDTH	✓	✓
LSUBSTITUTESIZE	✓	✓
LTOPBINROTATE	X	X
LTOPMARGINOFFSET	✓	✓
LTRANSPARENCYLENGTH	X	X
LTRANSPARENCYOUTBIN	✓	✓
LTRANSPARENCYTEXTURE	✓	✓
LTRANSPARENCYWEIGHT	✓	✓
LTRAY1AUTOSIZE	✓	✓
LTRAY2AUTOSIZE	✓	✓
LTRAY3AUTOSIZE	✓	✓
LTRAY4AUTOSIZE	✓	✓
LTRAY5AUTOSIZE	X	X
LTRAY1PAPERTYPE	✓	✓
LTRAY2PAPERTYPE	✓	✓
LTRAY3PAPERTYPE	✓	✓
LTRAY4PAPERTYPE	✓	✓
LTRAY5PAPERTYPE	X	X
LTRAY1RENUMBER	✓	✓
LTRAY1SENSEDTYPEPAPER	X	X
LTRAY1SENSEDTYPEPETRANSARENCY	X	X
LTRAY2SENSEDTYPEPAPER	X	X

Variable name	Printer model	
	CS720, CS725	CX725
LTRAY2SENSEDTYPEPETRANSARENCY	X	X
LTRAY3SENSEDTYPEPAPER	X	X
LTRAY3SENSEDTYPEPETRANSARENCY	X	X
LTRAY4SENSEDTYPEPAPER	X	X
LTRAY4SENSEDTYPEPETRANSARENCY	X	X
LTRAYINSERTMESSAGEDELAY	✓	✓
LTYPE1FONTS	✓	✓
LUSDEFAULTS	✓	✓
LVINYLLABELSLOADING	✓	✓
LVINYLLABELSOUTBIN	✓	✓
LVINYLLABELSTEXTURE	✓	✓
LVINYLLABELSWEIGHT	✓	✓
LWRITECOVERAGE	✓	✓

## Common variables for PCL emulation

Variable name	Printer model	
	CS720, CS725	CX725
FONTNUMBER	✓	✓
FONTSOURCE	✓	✓
PITCH	✓	✓
PTSIZE	✓	✓
SYMSET	✓	✓

## Lexmark-unique variables for PCL emulation

Variable name	Printer model	
	CS720, CS725	CX725
LA4WIDTH	✓	✓
LASSIGNFEEDER	X	X
LASSIGNMANUALENVELOPE	✓	✓
LASSIGNMANUALPAPER	✓	✓
LASSIGNMPFEEDER	✓	✓
LASSIGNTRAY1	✓	✓

Variable name	Printer model	
	CS720, CS725	CX725
LASSIGNTRAY2	✓	✓
LASSIGNTRAY3	✓	✓
LASSIGNTRAY4	✓	✓
LASSIGNTRAY5	✓	✓
LBITMAPROUNDING	✓	✓
LCOLOREXTENSIONS	✓	✓
LFONTCOMPATIBILITY	✓	✓
LFONTPRIORITY	✓	✓

## Common variables for PostScript emulation

Variable name	Printer model	
	CS720, CS725	CX725
ADOBEMBT	x	x
JAMRECOVERY	✓	✓
PRTPSERRS	✓	✓

## Lexmark-unique variables for PostScript emulation

Variable name	Printer model	
	CS720, CS725	CX725
LPICTUREGRADE	x	x
LPSFONTPRIORITY	✓	✓

## Lexmark-unique LRESOURCE variables

Variable name	Printer model	
	CS720, CS725	CX725
LDESCRIPTION	✓	✓
LRWLOCK	✓	✓
LWLOCK	✓	✓

## Status Readback commands

Command	Printer model	
	CS720, CS725	CX725
DINQUIRE	✓	✓
ECHO	✓	✓
INFO	✓	✓
INQUIRE	✓	✓
USTATUS	✓	✓
USTATUSOFF	✓	✓

## USTATUS unsolicited status variables

Variable name	Printer model	
	CS720, CS725	CX725
DEVICE	✓	✓
JOB	✓	✓
PAGE	✓	✓
TIMED	✓	✓

## PJI messages for auto-continuable conditions

Message	Status code	Return string	Printer model	
			CS720, CS725	CX725
Intervention Required - PPDS Font Error	30014	<b>PPDS font error</b> [50]	✓	✓
Intervention Required - Insufficient Collation Area	30016	<b>Insufficient Collation Area</b> [37]	X	X
Intervention Required - Insufficient Defragment Memory	30016	<b>Insufficient Defrag Memory</b> [37]	X	X
Intervention Required - Insufficient Memory	30016	<b>Insufficient memory, some Held Jobs were deleted</b> [37]	✓	✓
		<b>Memory low, some held jobs lost</b> [37]*	X	X

\* This message applies only to two-line printer models.

Message	Status code	Return string	Printer model	
			CS720, CS725	CX725
Intervention Required - Insufficient Defragment Memory	30016	Insufficient memory, some Held Jobs were deleted [37]	X	X
Intervention Required - Insufficient Defragment Memory	30016	Insufficient memory, some Held Jobs will not be restored [37]	X	X
Intervention Required - Insufficient Defragment Memory	30016	Insufficient memory for Flash Memory Defragment operation [37]	✓	✓
		Cannot defrag flash memory [37]*	X	X
Intervention Required - Insufficient Collation Area	30016	Insufficient memory to collate job [37]	✓	✓
		Cannot collate large document [37]*	X	X
Intervention Required - Memory Full	30016	Memory full [38]	✓	✓
Intervention Required - Configuration Change	30016	Configuration Change [57]	X	X
Intervention Required - Held Jobs May Not Be Restored (57 Configuration Change)	30016	Configuration change, some held jobs were not restored [57]	✓	✓
Intervention Required - Held Jobs May Not Be Restored	30016	Held Jobs May Not Be Restored	X	X
Intervention Required - Held Jobs May Not Be Restored	30016	Some held jobs were not restored	✓	✓
		Some held jobs not restored*	X	X
Intervention Required - Held Jobs May Not Be Restored	30016	Insufficient memory, some held jobs will not be restored [37]	✓	✓
		Low memory. Some held jobs lost. [37]*	X	X

\* This message applies only to two-line printer models.

Message	Status code	Return string	Printer model	
			CS720, CS725	CX725
Intervention Required - Complex Page	30017	Complex page, some data may not have printed [39]	✓	✓
		Complex page may misprint [39]*	X	X
Intervention Required - Parallel Error	30018	Parallel Error [54]	X	X
Intervention Required - Serial Option Error	30018	Serial option [slot #] error [54]	X	X
Intervention Required - Standard Serial Error	30018	Standard Serial Error [54]	X	X
Intervention Required - Standard Network Software Error	30018	Standard network software error [54]	✓	✓
		Network error, standard port [54]*	X	X
Intervention Required - Standard Serial Fax Connection Lost	30018	Std Ser Fax Connection Lost [54]	X	X
Intervention Required - Parallel Port Disabled	30018	Parallel Port Disabled [56]	X	X
Intervention Required - Parallel Port Error	30018	Parallel Port Disabled [56]	X	X
Intervention Required - Serial Option Disabled	30018	Serial [slot #] Port Disabled [56]	X	X
Intervention Required - Standard Serial Disabled	30018	Standard Serial Disabled [56]	X	X
Intervention Required - Standard USB Port Disabled	30018	Standard USB port disabled [56]	✓	✓
		Rear USB port disabled [56]*	X	X
Intervention Required - Insufficient Fax Buffer	30026	Insufficient Fax Buffer [55]	X	X
Intervention Required - Std Par ENA Connection Lost	30027	Std Par ENA Connection Lost [54]	X	X
Intervention Required - Standard Parallel Port Disabled	30027	Standard Parallel Port Disabled [56]	X	X
Intervention Required - Std Parallel Port Disabled	30027	Std Parallel Port Disabled [56]	X	X
Intervention Required - Resolution Reduced	30029	Resolution Reduced [36]	X	X

\* This message applies only to two-line printer models.



Message	Status code	Return string	Printer model	
			CS720, CS725	CX725
Intervention Required - Print Jobs on Disk Request	30031	<b>Print Jobs on Disk?</b> or <b>Print Jobs on Disk. Go/Stop?</b>	X	X
Intervention Required - Restore Held Jobs. Go/Stop?	30031	<b>Restore held jobs?</b>	✓	✓
Intervention Required - Short Paper	30034	<b>Short Paper [34]</b>	X	X
Intervention Required - Short Paper	30034	<b>Incorrect paper size, open [source] [34]</b>	✓	✓
		<b>Paper too short [34]*</b>	X	X
Intervention Required - Scheduled Maintenance	30075	<b>Scheduled Maintenance [80]</b>	X	X
Intervention Required - Scheduled Maintenance	30075	<b>Scheduled maintenance ADF kit [80]</b>	X	X
Intervention Required - Scheduled Maintenance	30075	<b>Scanner maintenance required soon, use ADF Kit [80]</b>	✓	✓
Intervention Required - Scheduled Maintenance	30075	<b>Scanner maintenance required, use ADF Kit [80]</b>	✓	✓
Intervention Required - Scheduled Maintenance	30075	<b>Replace paper pick rollers in [source], use parts and instructions in tray 1 or tray 2 compartment [80]</b>	✓	✓
Intervention Required - Res Save Off Deficient Memory	30076	<b>Insufficient memory to support Resource Save feature [35]</b>	✓	✓
		<b>Memory low, no Resource Save [35]*</b>	X	X
Intervention Required - Insufficient memory	30076	<b>Insufficient memory to support Resource Save feature [35]</b>	X	X
Intervention Required - Resource Save Off Deficient Memory	30076	<b>Res Save Off Deficient Memory [35]</b>	X	X

\* This message applies only to two-line printer models.

Message	Status code	Return string	Printer model	
			CS720, CS725	CX725
Intervention Required - Insufficient Collation Area	30076	<b>Insufficient Collation Area [37]</b>	X	X
Intervention Required - Service Required	30095	<b>Printer service required [36]</b>	√	√
Intervention Required - Empty Box M	30107	<b>Empty Box M</b>	X	X
Intervention Required - Empty Hole Punch Box	30107	<b>Empty the Hole Punch Box</b>	√	√
Intervention Required - Insert Box M	30107	<b>Insert Box M</b>	X	X
Intervention Required - Insert Staple Cartridge	30107	<b>Insert staple cartridge</b>	√	√
Intervention Required - Insert Stapler	30107	<b>Insert Stapler</b>	X	X
Intervention Required - Priming Failed	30107	<b>Priming Failed, Retry. Go/Stop?</b>	X	X
Intervention Required - Network [x] Software Error	30112	<b>Network [x] software error [54]</b>	√	√
Intervention Required - Serial [x] Fax Connection Lost	30112	<b>Ser [x] Fax Connection Lost [54]</b>	X	X
Intervention Required - Serial Option [x] Error	30112	<b>Serial option [x] error [54]</b>	√	√
Intervention Required - Serial Port [x] Disabled	30112	<b>Serial port [x] disabled [56]</b>	√	√
Intervention Required - USB Port [x] Disabled	30112	<b>USB port [x] disabled [56]</b>	√	√
Intervention Required - Parallel [x] ENA Connection Lost	30113	<b>Par [x] ENA Connection Lost [54]</b>	X	X
Intervention Required - Parallel Port [x] Disabled	30113	<b>Parallel port [x] disabled [56]</b>	√	√
Intervention Required - Disk Operation Failed Faxes on Disk	32001	<b>Operation Failed Faxes on Disk</b>	X	X
Intervention Required - Disk Operation Failed Jobs on Disk	32001	<b>Operation Failed Jobs on Disk</b>	X	X
Intervention Required - Flash Full	32002	<b>Flash Full [52]</b>	X	X

\* This message applies only to two-line printer models.

Message	Status code	Return string	Printer model	
			CS720, CS725	CX725
Intervention Required - Flash Full	32002	<b>Not enough free space in flash memory for resources [52]</b>	✓	✓
		<b>Flash memory full [52]*</b>	X	X
Intervention Required - Disk Full	32002	<b>Disk full [62]</b>	✓	✓
Intervention Required - Disk Corrupted	32015	<b>Disk Corrupted</b>	X	X
Intervention required - Disk Corrupted. Reformat?	32015	<b>Disk Corrupted. Reformat?</b>	X	X
Intervention required - Disk Must Be Formatted	32015	<b>Disk must be formatted for use in this device</b>	✓	✓
Intervention required - Too Many Bins Attached	32030	<b>Too many bins attached [58]</b>	✓	✓
Intervention Required - Too Many Flash Options Installed	32030	<b>Too Many Flash Options [58]</b>	X	X
Intervention Required - Too Many Flash Options Installed	32030	<b>Too many flash options installed [58]</b>	✓	✓
Intervention Required - Too Many Disks Installed	32030	<b>Too many disks installed [58]</b>	✓	✓
Intervention Required - Too Many Trays Attached	32030	<b>Too many trays. Remove some. [58]</b>	✓	✓
Intervention Required - Unformatted Flash	32052	<b>Unformatted flash detected [53]</b>	✓	✓
		<b>Flash memory unformatted [53]*</b>	X	X
Intervention Required - Unformatted Disk	32052	<b>Unformatted disk [63]</b>	X	X
Intervention Required - Unsupported Disk Format	32052	<b>Unsupported Disk Format [64]</b>	X	X
Intervention Required - Defective Flash	32056	<b>Defective Flash [51]</b>	X	X
Intervention Required - Defective Flash	32056	<b>Defective flash detected [51]</b>	✓	✓
		<b>Defective flash memory [51]*</b>	X	X

\* This message applies only to two-line printer models.

Message	Status code	Return string	Printer model	
			CS720, CS725	CX725
Intervention Required - Defective Disk	32056	<b>Defective Disk [61]</b>	X	X
Intervention Required - Defective Disk	32056	<b>Remove defective disk [61]</b>	✓	✓
Intervention Required - Scheduled Maintenance	35075	<b>Scheduled Maintenance [80]</b>	X	X
Intervention Required - Scheduled Maintenance	40316	<b>Scheduled Maintenance [x] [81]</b>	X	X
Intervention Required - Belt Life Warning	40038	<b>Belt Life Warning [80]</b>	X	X
Intervention Required - Belt Exhausted	40038	<b>Belt Exhausted [80]</b>	X	X
Intervention Required - Fuser Maintenance	40038	<b>Fuser Maintenance [80]</b>	X	X
Intervention Required - Fuser Life Warning	40038	<b>Fuser Life Warning [80]</b>	X	X
Intervention Required - Fuser Exhausted	40038	<b>Fuser Exhausted [80]</b>	X	X
Intervention Required - Fuser/Belt Life Warning	40038	<b>Fuser/Belt Life Warning [80]</b>	X	X
Intervention Required - Fuser/Belt Exhausted	40038	<b>Fuser/Belt Exhausted [80]</b>	X	X
Intervention Required - ITU Maintenance	40038	<b>ITU Maintenance [83]</b>	X	X
Intervention Required - Cartridge Nearly Low	40038	<b>Cartridge nearly low [88.xy]</b>	✓	✓
Intervention Required - Cartridge Low	40038	<b>Cartridge low [88.xy]</b>	✓	✓
Intervention Required - PJI OP Message	40048	<b>[Pick up text from 'data1' and 'data2' but not 'userMessage1' and 'userMessage2']</b>	✓	✓
Intervention Required - PJI ST Message	40049	<b>[Pick up text from 'data1' and 'data2' but not 'userMessage1' and 'userMessage2']</b>	✓	✓
Intervention Required - Waste Toner Bottle Nearly Full	40141	<b>Waste toner bottle nearly full [82.xx]</b>	X	X

\* This message applies only to two-line printer models.

Message	Status code	Return string	Printer model	
			CS720, CS725	CX725
Intervention Required - Waste Toner Nearly Full	40141	Waste toner bottle nearly full [82.xy]	✓	✓
Intervention Required - Photoconductor Low	40204	[Color] imaging unit low [84.xx]	X	X
Intervention Required - Photoconductor Low	40204	[Color] photoconductor low [84.xx]	X	X
Intervention Required - Fuser Very Low	40204	Fuser kit very low	✓	✓
Intervention Required - Transfer Module Life Warning	40215	Transfer module life warning [83.xx]	X	X
Intervention Required - Transfer Module Mid Warning	40215	Transfer module wear warning [83.xx]	✓	✓

\* This message applies only to two-line printer models.

## PJL messages for attendance conditions

Message	Status code	Return string	Printer model	
			CS720, CS725	CX725
Intervention required - Disk Corrupted. Reformat?	32015	Disk corrupted	X	X
Intervention Required - Too Many Bins Attached	32030	Too many bins attached [58]	X	X
Intervention Required - Too Many Flash Options Installed	32030	Too many flash options installed [58]	X	X
Intervention Required - Disk Problem	32052	Disk problem	X	X
Intervention Required - Remove Defective Disk	32056	Remove defective disk [61]	X	X
Intervention Required - Defective Flash	32056	Defective flash detected [51]	✓	✓
		Defective flash memory [51] <sup>1</sup>	X	X
Intervention Required - Insert Hole Punch Box	40010	Insert Hole Punch Box	X	X
Intervention Required - Insert PC Cartridge	40010	Insert PC Cartridge	X	X

<sup>1</sup> This message applies only to two-line printer models.

<sup>2</sup> This message contains a subset of letters CMYK, where CMYK denotes cyan, magenta, yellow, and black cartridges, respectively.

Message	Status code	Return string	Printer model	
			CS720, CS725	CX725
Intervention Required - 30 CMYK <sup>2</sup> Print Unit Missing	40010	<b>CMYK<sup>2</sup> Print Unit Missing [30]</b>	X	X
Intervention Required - 30 Coating Roll Missing	40010	<b>Coating Roll Missing [30]</b>	X	X
Intervention Required - Remove Originals from Scanner ADF	40019	<b>Remove originals from the scanner automatic document feeder</b>	X	X
Intervention Required - Remove Paper Standard Bin	40019	<b>Remove paper from standard output bin</b>	✓	✓
Intervention Required - Remove Paper Output Bin [x]	40019	<b>Remove paper from bin [x]</b>	✓	✓
Intervention Required - Remove Paper [All Output Bins]	40019	<b>Remove paper from all bins</b>	✓	✓
Intervention Required - Remove Paper [linked set bin name]	40019	<b>Remove paper from [linked set bin name]</b>	✓	✓
Intervention Required - Remove Paper Saddle stitch Accumulator	40019	<b>Open door H and remove paper from beneath area H10</b>	✓	✓
Intervention Required - Install MICR cartridge	40020	<b>Install MICR cartridge</b>	X	X
Intervention Required - Cartridge Life Expired	40021	<b>Cartridge Life Expired CMYK<sup>2</sup></b>	X	X
Intervention Required - Cartridge Life Warning	40021	<b>Cartridge Life Warning CMYK<sup>2</sup></b>	X	X
Intervention Required - Change Cartridge Invalid Refill	40021	<b>Change Cartridge Invalid Refill</b>	X	X
Intervention Required - Close Cover [x]	40021	<b>Close cover [x]</b>	X	X
Intervention Required - Close Cover [x]	40021	<b>Close paper transport cover</b>	X	X
Intervention Required - Printer Cover Open	40021	<b>Close Cover</b>	X	X
Intervention Required - Close Toner Box Cover	40021	<b>Close Cover</b>	X	X

<sup>1</sup> This message applies only to two-line printer models.

<sup>2</sup> This message contains a subset of letters CMYK, where CMYK denotes cyan, magenta, yellow, and black cartridges, respectively.

Message	Status code	Return string	Printer model	
			CS720, CS725	CX725
Intervention Required - Close Deflector G	40021	<b>Close Deflector G</b>	X	X
Intervention Required - Close Door	40021	<b>Close Door</b>	X	X
Intervention Required - Close Door [x]	40021	<b>Close door [x]</b>	√	√
Intervention Required - Close Door [x]	40021	<b>Close stapler door</b>	X	X
Intervention Required - Close Door Insert Cartridge	40021	<b>Close door or insert cartridge</b>	√	√
Intervention Required - Close Finisher Rear Door	40021	<b>Close Finisher Rear Door</b>	X	X
Intervention Required - Close Finisher Side Door	40021	<b>Close finisher side door</b>	X	X
Intervention Required - Close Finisher Top Cover	40021	<b>Close finisher top cover</b>	X	X
Intervention Required - Close Front Door	40021	<b>Close front or side door</b>	X	X
Intervention Required - Close Front Door	40021	<b>Close front door</b>	√	√
Intervention Required - Close Left Side Door	40021	<b>Close left side door</b>	X	X
Intervention Required - Close Low ADF Door	40021	<b>Close lower automatic feeder door</b>	X	X
Intervention Required - Close Side Door	40021	<b>Close Side Door</b>	X	X
Intervention Required - Close Surface	40021	<b>Close surface H</b>	X	X
Intervention Required - Close Cover	40021	<b>Close top access cover</b>	X	X
Intervention Required - Close Cover and Door	40021	<b>Close top access cover and front door</b>	X	X
Intervention Required - Close Door	40021	<b>Close [tray] door</b>	X	X

<sup>1</sup> This message applies only to two-line printer models.

<sup>2</sup> This message contains a subset of letters CMYK, where CMYK denotes cyan, magenta, yellow, and black cartridges, respectively.

Message	Status code	Return string	Printer model	
			CS720, CS725	CX725
Intervention Required - Close Tray [x] Top Cover	40021	<b>Close Tray [x] Top Cover</b>	X	X
Intervention Required - Printer Upper Door Open	40021	<b>Cover Open, Close Top Covers, Close Door, or Insert Cartridge</b>	X	X
Intervention Required - Insert Print Cartridge	40021	<b>Insert Print Cartridge</b>	X	X
Intervention Required - Open Cover	40021	<b>Open Cover</b>	X	X
Intervention Required - Open Rear Door	40021	<b>Open Rear Door</b>	X	X
Intervention Required - Open Close Door A	40021	<b>Open and close door A</b>	√	√
Intervention Required - Invalid Refill	40021	<b>Invalid Refill Change Cartridge [30]</b>	X	X
Intervention Required - Defective Ink Cartridge	40021	<b>Defective Cartridge CMYK<sup>2</sup> [31]</b>	X	X
Intervention Required - Defective Print Cartridge	40021	<b>Defective Print Cartridge [31]</b>	X	X
Intervention Required - Missing Cartridge	40021	<b>Missing Cartridge CMYK<sup>2</sup> [31]</b>	X	X
Intervention Required - Missing Printhead	40021	<b>Missing Printhead [31]</b>	X	X
Intervention Required - Defective Print Cartridge	40021	<b>Replace defective cartridge [31]</b>	X	X
Intervention Required - Invalid Refill	40021	<b>Invalid refill, change cartridge [31.xx]</b>	X	X
Intervention Required - Defective Print Cartridge	40021	<b>Replace defective cartridge [31.xx]</b>	X	X
Intervention Required - Defective Print Cartridge	40021	<b>Replace defective print cartridge [31.xx]</b>	X	X

<sup>1</sup> This message applies only to two-line printer models.

<sup>2</sup> This message contains a subset of letters CMYK, where CMYK denotes cyan, magenta, yellow, and black cartridges, respectively.



Message	Status code	Return string	Printer model	
			CS720, CS725	CX725
Intervention Required - Defective Cartridge	40021	<b>Replace defective cartridge [31.xy]</b>	✓	✓
Intervention Required - Imaging Unit Defective	40021	<b>Replace defective imaging unit [31.xy]</b>	X	X
Intervention Required - Unsupported Cartridge	40021	<b>Unsupported Cartridge [32]</b>	X	X
Intervention Required - Unsupported CMYK <sup>2</sup> Cartridge	40021	<b>Unsupported CMYK<sup>2</sup> Cartridge [32]</b>	X	X
Intervention Required - Unsupported Print Cartridge	40021	<b>Unsupported Print Cartridge [32]</b>	X	X
Intervention Required - Unsupported Printhead	40021	<b>Unsupported Printhead [32]</b>	X	X
Intervention Required - Unsupported Cartridge	40021	<b>Cartridge part number unsupported by device [32.xx]</b>	X	X
Intervention Required - Tray Size Sense Error	40021	<b>Tray [x] Size Sense Error [40]</b>	X	X
Intervention Required - Open Bin Exit Tray	40021	<b>Open Bin 1 Exit Tray [41]</b>	X	X
Intervention Required - Cartridge Region Mismatch	40021	<b>Cartridge region mismatch [42.xy]</b>	X	X
Intervention Required - Cartridge Region Mismatch	40021	<b>Replace cartridge, printer region mismatch [42.xy]</b>	✓	✓
Intervention Required - Cartridge Missing	40021	<b>Replace missing cartridge [31.xy]</b>	✓	✓
Intervention Required - PC/Imaging Unit Defective	40021	<b>Replace defective photoconductor [31.xy]</b>	✓	✓
Intervention Required - Developer Missing	40021	<b>Replace missing [color] developer [31.xy]</b>	✓	✓

<sup>1</sup> This message applies only to two-line printer models.

<sup>2</sup> This message contains a subset of letters CMYK, where CMYK denotes cyan, magenta, yellow, and black cartridges, respectively.

Message	Status code	Return string	Printer model	
			CS720, CS725	CX725
Intervention Required - PC/Imaging Unit Missing	40021	Replace missing photoconductor [31.xy]	✓	✓
Intervention Required - Developer Defective	40021	Replace defective [color] developer [31.xy]	✓	✓
Intervention Required - Imaging Kit Defective	40021	Reinstall missing or unresponsive black and color imaging kit and all cartridges [31.xy]	✓	✓
Intervention Required - Imaging Kit Missing	40021	Replace missing black and color imaging kit [31.xy]	✓	✓
Intervention Required - Paper Jam	40022	Paper Jam [2xx]	X	X
Intervention Required - Remove Packaging Material	40025	Remove packaging material	X	X
Intervention Required - Remove Packaging Material	40025	Remove packaging material, [area name]	✓	✓
Intervention Required - Waste Toner Missing	40025	Waste toner bottle missing [82]	X	X
Intervention Required - Waste Toner Bottle Missing	40025	Waste toner bottle missing [82.xx]	X	X
Intervention Required - Waste Toner Missing	40025	Replace missing waste toner bottle [82.xy]	✓	✓
Intervention Required - Check Tray Connection	40027	Check tray [paper source #] connection	X	X
Intervention Required - Install Tray [x] or Cancel Job	40027	Install tray [x]	X	X
Intervention Required - Install Tray [x] or Cancel Job	40027	Install Tray [x] or Cancel Job	X	X

<sup>1</sup> This message applies only to two-line printer models.

<sup>2</sup> This message contains a subset of letters CMYK, where CMYK denotes cyan, magenta, yellow, and black cartridges, respectively.

Message	Status code	Return string	Printer model	
			CS720, CS725	CX725
Intervention Required - Install Envelope Feeder	40028	<b>Install envelope feeder</b>	X	X
Intervention Required - Install Env Feeder or Cancel Job	40028	<b>Install Env Feed or Cancel Job</b>	X	X
Intervention Required - Reattach Envelope Feeder	40028	<b>Reattach Envelope Feeder</b>	X	X
Intervention Required - Reattach MP Feeder	40028	<b>Reattach MP Feeder</b>	X	X
Intervention Required - Check Finisher Installation	40029	<b>Check Finisher Installation</b>	X	X
Intervention Required - Check Mailbox Installation	40029	<b>Check Mailbox Installation</b>	X	X
Intervention Required - Install Bin [x] or Cancel Job	40029	<b>Install Bin [x] or Cancel Job</b>	X	X
Intervention Required - Reattach Bin	40029	<b>Reattach bin [x]</b>	X	X
Intervention Required - Reattach Bins	40029	<b>Reattach Bins [bin #x-bin #y]</b>	X	X
Intervention Required - Reattach Output Bin	40029	<b>Reattach Output Bin [bin #]</b>	X	X
Intervention Required - Tray Config Error	40030	<b>Tray [x] Config Error [33]</b>	X	X
Intervention Required - Input Config Error	40030	<b>Input config error [58]</b>	X	X
Intervention Required - Too Many Bins Attached	40030	<b>Too Many Bins Attached [58]</b>	X	X
Intervention Required - Too Many Disks Installed	40030	<b>Too many disks installed [58]</b>	✓	✓
Intervention Required - Too Many Trays Attached	40030	<b>Too many trays attached [58]</b>	✓	✓
		<b>Too many trays. Remove some. [58]<sup>1</sup></b>	X	X

<sup>1</sup> This message applies only to two-line printer models.

<sup>2</sup> This message contains a subset of letters CMYK, where CMYK denotes cyan, magenta, yellow, and black cartridges, respectively.

Message	Status code	Return string	Printer model	
			CS720, CS725	CX725
Intervention Required - Too Many Disks Installed	40036	<b>Too Many Disks Installed [58]</b>	X	X
Intervention Required - PerfectFinish Missing	40037	<b>PerfectFinish Missing [31]</b>	X	X
Intervention Required - PerfectFinish Empty	40037	<b>PerfectFinish Empty [87]</b>	X	X
Intervention Required - Replace Oil Coating Roll	40038	<b>Replace Oil Coating Roll</b>	X	X
Intervention Required - Replace PC Kit	40038	<b>Replace PC Kit</b>	X	X
Intervention Required - Replace PC Kit To Continue	40038	<b>Replace PC Kit To Continue</b>	X	X
Intervention Required - Replace Toner Cartridge	40038	<b>Replace Toner Cartridge</b>	X	X
Intervention Required - Replace Toner Cartridge To Continue	40038	<b>Replace Toner To Continue</b>	X	X
Intervention Required - 84 All Photo Devs Exhausted	40038	<b>All Photo Devs Exhausted [84]</b>	X	X
Intervention Required - 84 Black Photo Dev Exhausted	40038	<b>Black Photo Dev Exhausted [84]</b>	X	X
Intervention Required - 84 Black Photo Dev Life Warning	40038	<b>Black Photo Dev Life Warning [84]</b>	X	X
Intervention Required - 84 Color Photo Dev Life Warning	40038	<b>Color Photo Dev Life Warning [84]</b>	X	X
Intervention Required - Cartridge Low	40038	<b>Cartridge Low [88]</b>	X	X
Intervention Required - [Color] Cartridge Low	40038	<b>[Color] cartridge is low [88]</b>	X	X
Intervention Required - Toner Low	40038	<b>Cartridge low [88]</b>	X	X
Intervention Required - Cartridge Low	40038	<b>Cartridge Low [CMYK] [88]</b>	X	X

<sup>1</sup> This message applies only to two-line printer models.

<sup>2</sup> This message contains a subset of letters CMYK, where CMYK denotes cyan, magenta, yellow, and black cartridges, respectively.

Message	Status code	Return string	Printer model	
			CS720, CS725	CX725
Intervention Required - Toner Low	40038	<b>Toner is low [88]</b>	X	X
Intervention Required - Toner Low	40038	<b>Toner Low [88]</b>	X	X
Intervention Required - Toner Low	40038	<b>Yellow Toner Low [88]</b> <b>Magenta Toner Low [88]</b> <b>Cyan Toner Low [88]</b> <b>Black Toner Low [88]</b>	X	X
		<b>Color Print Cartridge Low [88]</b> <b>Black Print Cartridge Low [88]</b> <b>Photo Print Cartridge Low [88]</b>	X	X
		<b>Yellow Toner Empty [88]</b> <b>Magenta Toner Empty [88]</b> <b>Cyan Toner Empty [88]</b> <b>Black Toner Empty [88]</b>	X	X
Intervention Required - Cartridge Nearly Low	40038	<b>Cartridge nearly low [88.xx]</b>	X	X
Intervention Required - Cartridge Empty	40039	<b>Cartridge Empty [CMYK] [89]</b>	X	X
Intervention Required - Load Staples	40040	<b>Load Staples</b>	X	X
Intervention Required - Priming Failed. Retry?	40041	<b>Priming Failed. Retry?</b>	X	X
Intervention Required - PjL OP Message	40048	<b>OPMSG message</b>	X	X
Intervention Required - PjL ST Message	40049	<b>STMSG message</b>	X	X
Intervention Required - Replace Fuser	40050	<b>Replace Fuser</b>	X	X

<sup>1</sup> This message applies only to two-line printer models.

<sup>2</sup> This message contains a subset of letters CMYK, where CMYK denotes cyan, magenta, yellow, and black cartridges, respectively.

Message	Status code	Return string	Printer model	
			CS720, CS725	CX725
Intervention Required - Replace Transfer Kit	40050	<b>Replace Transfer Kit</b>	X	X
Intervention Required - Incompatible Bin [x]	40087	<b>Incompatible Bin [x] [59]</b>	X	X
Intervention Required - Incompatible Bin [x]	40087	<b>Incompatible output bin [x] [59]</b>	✓	✓
Intervention Required - Incompatible Duplex	40088	<b>Incompatible Duplex [59]</b>	✓	✓
Intervention Required - Incompatible Tray [x]	40089	<b>Incompatible Tray [x] [59]</b>	✓	✓
Intervention Required - Paper Size Unsupported	40089	<b>Tray [x] paper size unsupported</b>	✓	✓
Intervention Required - Incompatible Envelope Feeder	40090	<b>Incompatible envelope feeder [59]</b>	✓	✓
Intervention Required - Check Duplex Connection	40095	<b>Check Duplex Connection</b>	X	X
Intervention Required - Install Duplex or Cancel Job	40095	<b>Install Duplex or Cancel Job</b>	X	X
Intervention Required - Install Duplex or Cancel Job	40095	<b>Install duplex</b>	X	X
Intervention Required - Duplex Cover Open	40096	<b>Close Duplex Door</b>	X	X
Intervention Required - Insert Duplex Option	40096	<b>Insert Duplex Option</b>	X	X
Intervention Required - Load Staples	40101	<b>Load staples</b>	✓	✓
Intervention Required - Load Staples [G11, G12]	40101	<b>Load Staples [area]</b>	✓	✓
Intervention Required - Insert Hole Punch Box	40107	<b>Insert the hole punch box</b>	✓	✓
Intervention Required - Replace Photoconductor or Imaging Unit	40129	<b>Replace [color] imaging unit and [color] cartridge [84.xx]</b>	X	X

<sup>1</sup> This message applies only to two-line printer models.

<sup>2</sup> This message contains a subset of letters CMYK, where CMYK denotes cyan, magenta, yellow, and black cartridges, respectively.

Message	Status code	Return string	Printer model	
			CS720, CS725	CX725
Intervention Required - Replace Color PC Units	40129	Replace color PC Units [84]	X	X
Intervention Required - Replace Photoconductor	40129	Replace [Color] photoconductor [84.xx]	X	X
Intervention Required - Replace Waste Toner Bottle	40141	Replace waste toner bottle [82.xx]	X	X
Intervention Required - Replace Waste Toner	40141	Replace waste toner bottle [82.xy]	✓	✓
Intervention Required - Replace Waste Toner	40141	Replace waste toner bottle [82]	X	X
Intervention Required - Waste Toner Bottle Nearly Full	40141	Waste toner bottle nearly full [82.xx]	X	X
Intervention Required - Waste Toner Nearly Full	40141	Waste toner bottle nearly full [82]	X	X
Intervention Required - Transfer Module Missing	40143	Transfer module missing [83.xx]	X	X
Intervention Required - Transfer Module Missing	40143	Replace missing transfer module [83.xx]	✓	✓
Intervention Required - Cartridge Low	40200	Black cartridge low [88.xx]	X	X
Intervention Required - Cartridge Nearly Low	40200	black cartridge nearly low [88.1x]	X	X
Intervention Required - Cartridge Very Low	40200	Black cartridge very low [88.xx]	X	X
Intervention Required - Replace Cartridge	40200	Replace black cartridge [88.2x]	X	X
Intervention Required - Cartridge Very Low	40200	Cartridge very low, [number] estimated pages remain [88.xy]	✓	✓
Intervention Required - Cartridge Low	40201	Cyan cartridge low [88.xx]	X	X

<sup>1</sup> This message applies only to two-line printer models.

<sup>2</sup> This message contains a subset of letters CMYK, where CMYK denotes cyan, magenta, yellow, and black cartridges, respectively.

Message	Status code	Return string	Printer model	
			CS720, CS725	CX725
Intervention Required - Cartridge Nearly Low	40201	<b>cyan cartridge nearly low [88.1x]</b>	X	X
Intervention Required - Cartridge Very Low	40201	<b>Cyan cartridge very low [88.xx]</b>	X	X
Intervention Required - Replace Cartridge	40201	<b>Replace cyan cartridge [88.2x]</b>	X	X
Intervention Required - Cartridge Low	40202	<b>Magenta cartridge low [88.xx]</b>	X	X
Intervention Required - Cartridge Nearly Low	40202	<b>magenta cartridge nearly low [88.1x]</b>	X	X
Intervention Required - Cartridge Very Low	40202	<b>Magenta cartridge very low [88.xx]</b>	X	X
Intervention Required - Replace Cartridge	40202	<b>Replace magenta cartridge [88.2x]</b>	X	X
Intervention Required - Cartridge Low	40203	<b>Yellow cartridge low [88.xx]</b>	X	X
Intervention Required - Cartridge Nearly Low	40203	<b>yellow cartridge nearly low [88.1x]</b>	X	X
Intervention Required - Cartridge Very Low	40203	<b>Yellow cartridge very low [88.xx]</b>	X	X
Intervention Required - Replace Cartridge	40203	<b>Replace yellow cartridge [88.2x]</b>	X	X
Black PC Unit Life Warning	40204	<b>Black pc unit life warning [84]</b>	X	X
Intervention Required - Unsupported PC Unit	40204	<b>unsupported [color] imaging unit [84]</b>	X	X
Intervention Required - Unsupported PC Unit	40204	<b>unsupported [color] pc unit [84]</b>	X	X
Intervention Required - Color PC Units Life Warning	40204	<b>Color PC Unit Life warning [84.xx]</b>	X	X
Intervention Required - PC Kit Life Warning	40204	<b>PC kit life warning [84]</b>	X	X

<sup>1</sup> This message applies only to two-line printer models.

<sup>2</sup> This message contains a subset of letters CMYK, where CMYK denotes cyan, magenta, yellow, and black cartridges, respectively.



Message	Status code	Return string	Printer model	
			CS720, CS725	CX725
Intervention Required - Photoconductor Low	40204	[Color] photoconductor low [84.xx]	X	X
Intervention Required - Photoconductor Low	40204	Photoconductor low [84]	X	X
Intervention Required - Imaging Unit Mid Warning	40204	Photoconductor low [84.xy]	✓	✓
Intervention Required - Photoconductor Nearly Low	40204	[color] photoconductor nearly low [84.xx]	✓	✓
Intervention Required - Imaging Unit Nearly Low	40204	Imaging unit nearly low [84.xy]	✓	✓
Intervention Required - Imaging Unit Late Warning	40204	Photoconductor very low, [number] estimated pages remain [84.xy]	✓	✓
Intervention Required - Imaging Unit EOL	40204	Replace photoconductor, 0 pages remain [84.xy]	✓	✓
Intervention Required - Imaging Kit EOL	40204	Replace [type] imaging kit, 0 estimated pages remain [84.xy]	✓	✓
Intervention Required - Imaging Kit Late Warning	40204	Black and color imaging kit very low, [number] estimated pages remain [84.xy]	✓	✓
Intervention Required - Imaging Kit Mid Warning	40204	Black and color imaging kit low [84.xy]	✓	✓
Intervention Required - Imaging Kit Nearly Low	40204	Black and color imaging kit nearly low [84.xy]	✓	✓
Intervention Required - Developer Early Warning	40204	[Color] developer early wear warning [85.xy]	✓	✓

<sup>1</sup> This message applies only to two-line printer models.

<sup>2</sup> This message contains a subset of letters CMYK, where CMYK denotes cyan, magenta, yellow, and black cartridges, respectively.

Message	Status code	Return string	Printer model	
			CS720, CS725	CX725
Intervention Required - Developer Mid Warning	40204	[Color] developer wear warning [85.xy]	✓	✓
Intervention Required - Developer Late Warning	40204	[Color] developer near end of life [85.xy]	✓	✓
Intervention Required - Developer EOL	40204	Replace [color] developer [85.xy]	✓	✓
Intervention Required - Imaging Kit 4 EOL	40204	Replace [type] imaging kit, 0 estimated pages remain [84.xy]	✓	✓
Intervention Required - Replace Fuser Kit	40204	Replace fuser kit, 0 estimated pages remain	✓	✓
Intervention Required - Transfer Module Life Warning	40215	Transfer module life warning [83.xx]	X	X
Intervention Required - Transfer Module Near Life Warning	40215	Transfer module near life warning [83.xx]	X	X
Intervention Required - Transfer Module Near Life Warning	40215	Transfer module early wear warning [83.xx]	✓	✓
Intervention Required - Fuser Life Warning	40216	Fuser Life Warning [87]	X	X
Intervention Required - Fuser Life Warning	40216	Fuser life warning [80.xx]	X	X
Intervention Required - Fuser Near Life Warning	40216	Fuser near life warning [80.xx]	X	X
Intervention Required - Fuser Early Life Warning	40216	Fuser kit early wear warning [81.xx]	✓	✓
Intervention Required - Fuser Mid Warning	40216	Fuser kit wear warning [81.xx]	✓	✓
Intervention Required - Fuser Late Warning	40216	Fuser kit near end of life [81.xx]	✓	✓
Intervention Required - Replace Toner	40300	Replace black toner[88]	X	X

<sup>1</sup> This message applies only to two-line printer models.

<sup>2</sup> This message contains a subset of letters CMYK, where CMYK denotes cyan, magenta, yellow, and black cartridges, respectively.

Message	Status code	Return string	Printer model	
			CS720, CS725	CX725
Intervention Required - Unsupported Print Cartridge	40300	<b>Replace unsupported cartridge [32.xy]</b>	✓	✓
Intervention Required - PC/Imaging Unit Unsupported	40300	<b>Replace unsupported photoconductor [32.xy]</b>	✓	✓
Intervention Required - Unsupported Developer	40300	<b>Replace unsupported developer [32.xy]</b>	✓	✓
Intervention Required - Imaging Kit Unsupported	40300	<b>Replace unsupported black and color imaging kit [32.xy]</b>	✓	✓
Intervention Required - Replace Toner	40301	<b>Replace cyan toner [88]</b>	X	X
Intervention Required - Replace Toner	40302	<b>Replace magenta toner [88]</b>	X	X
Intervention Required - Replace Toner	40303	<b>Replace yellow toner [88]</b>	X	X
Intervention Required - Replace PC Kit	40304	<b>Replace PC Kit [84]</b>	X	X
Intervention Required - Replace Photoconductor	40304	<b>Replace photoconductor [84]</b>	X	X
Intervention Required - 84 Replace Black PC Unit	40305	<b>Replace black PC Unit [84]</b>	X	X
Intervention Required - Cartridge Part Number Unsupported	40309	<b>Black cartridge part number unsupported by device [32.xx]</b>	X	X
Intervention Required - Replace unsupported cartridge	40309	<b>Replace unsupported black cartridge [32.xx]</b>	X	X
Intervention Required - Invalid Refill, Change Cartridge	40309	<b>black invalid refill, change cartridge [40]</b>	X	X

<sup>1</sup> This message applies only to two-line printer models.

<sup>2</sup> This message contains a subset of letters CMYK, where CMYK denotes cyan, magenta, yellow, and black cartridges, respectively.

Message	Status code	Return string	Printer model	
			CS720, CS725	CX725
Intervention Required - Cartridge Part Number Unsupported	40310	<b>Cyan cartridge part number unsupported by device [32.xx]</b>	X	X
Intervention Required - Replace unsupported cartridge	40310	<b>Replace unsupported cyan cartridge [32.xx]</b>	X	X
Intervention Required - Invalid Refill, Change Cartridge	40310	<b>cyan invalid refill, change cartridge [40]</b>	X	X
Intervention Required - Cartridge Part Number Unsupported	40311	<b>Magenta cartridge part number unsupported by device [32.xx]</b>	X	X
Intervention Required - Replace unsupported cartridge	40311	<b>Replace unsupported magenta cartridge [32.xx]</b>	X	X
Intervention Required - Invalid Refill, Change Cartridge	40311	<b>magenta invalid refill, change cartridge [40]</b>	X	X
Intervention Required - Cartridge Part Number Unsupported	40312	<b>Yellow cartridge part number unsupported by device [32.xx]</b>	X	X
Intervention Required - Replace unsupported cartridge	40312	<b>Replace unsupported yellow cartridge [32.xx]</b>	X	X
Intervention Required - Invalid Refill, Change Cartridge	40312	<b>yellow invalid refill, change cartridge [40]</b>	X	X
Intervention Required - Scheduled Maintenance	40315	<b>Scheduled maintenance [x] [80]</b> <b>Note:</b> [x] indicates 600K kit.	X	X
Intervention Required - Replace Transfer Module	40315	<b>Replace transfer module [83.xx]</b>	✓	✓
Intervention Required - Maintenance Kit Low	40315	<b>Maintenance kit low [80.xy]</b>	✓	✓

<sup>1</sup> This message applies only to two-line printer models.

<sup>2</sup> This message contains a subset of letters CMYK, where CMYK denotes cyan, magenta, yellow, and black cartridges, respectively.

Message	Status code	Return string	Printer model	
			CS720, CS725	CX725
Intervention Required - Maintenance Kit Nearly Low	40315	<b>Maintenance kit nearly low [80.xy]</b>	✓	✓
Intervention Required - Maintenance Kit1 [x] Near Low	40315	<b>[x] maintenance kit nearly low [ 80.xy]</b>	✓	✓
Intervention Required - Maintenance Kit2 [x] Low	40315	<b>[x] maintenance kit low [80.xy]</b>	✓	✓
Intervention Required - Maintenance Kit3 [x] NEOL	40315	<b>[x] maintenance kit very low, [number] estimated pages remain [80.xy]</b>	✓	✓
Intervention Required - Maintenance Kit4 [x] EOL	40315	<b>Replace [x] maintenance kit, 0 estimated pages remain [80.xy]</b>	✓	✓
Intervention Required - Replace Fuser	40316	<b>Replace fuser [80.xx]</b>	X	X
Intervention Required - Replace Fuser	40316	<b>Replace fuser [87.xx]</b>	X	X
Intervention Required - Scheduled Maintenance	40316	<b>Scheduled maintenance [x] [80]</b> <b>Note:</b> [x] indicates 100K kit.	X	X
Intervention Required - Maintenance Kit EOL	40316	<b>Replace maintenance kit [80.xy]</b>	✓	✓
Intervention Required - Maintenance Kit Late Warning	40316	<b>Maintenance kit very low [80.xy]</b>	✓	✓
Intervention Required - Maintenance Kit Low	40316	<b>Maintenance kit low [80.xy]</b>	✓	✓
Intervention Required - Maintenance Kit Nearly Low	40316	<b>Maintenance kit nearly low [80.xy]</b>	✓	✓
Intervention Required - Fuser EOL	40316	<b>Replace fuser kit [81.xx]</b>	✓	✓
Intervention Required - Roller Kit EOL	40316	<b>Replace roller kit [81.xx]</b>	✓	✓

<sup>1</sup> This message applies only to two-line printer models.

<sup>2</sup> This message contains a subset of letters CMYK, where CMYK denotes cyan, magenta, yellow, and black cartridges, respectively.

Message	Status code	Return string	Printer model	
			CS720, CS725	CX725
Intervention Required - Maintenance Kit1 [x] Near Low	40316	[x] maintenance kit nearly low [ 80.xy]	✓	✓
Intervention Required - Maintenance Kit2 [x] Low	40316	[x] maintenance kit low [80.xy]	✓	✓
Intervention Required - Maintenance Kit3 [x] NEOL	40316	[x] maintenance kit very low, [number] estimated pages remain [80.xy]	✓	✓
Intervention Required - Maintenance Kit4 [x] EOL	40316	Replace [x] maintenance kit, 0 estimated pages remain [80.xy]	✓	✓
Intervention Required - Replace Cartridge	40400	Replace defective or missing cartridge [31.xx]	X	X
Intervention Required - Defective or Missing Cartridge	40400	Reinstall missing or unresponsive cartridge [31.xy]	✓	✓
Intervention Required - Defective or Missing PC/Imaging Unit	40400	Reinstall missing or unresponsive photoconductor [31.xy]	✓	✓
Intervention Required - Insert Photoconductor	40404	Insert photoconductor [84]	X	X
Intervention Required - Photoconductor Abnormal	40404	Defective [color] imaging unit [84]	X	X
Intervention Required - Photoconductor abnormal [84]	40404	Photoconductor abnormal [84]	X	X
Intervention Required - Cartridge/Imaging Unit Region Mismatch	40404	Cartridge, imaging unit mismatch [41.xy]	✓	✓
Intervention Required - [Color] PC Unit Missing	40405	Black PC Unit missing [84.41]	X	X

<sup>1</sup> This message applies only to two-line printer models.

<sup>2</sup> This message contains a subset of letters CMYK, where CMYK denotes cyan, magenta, yellow, and black cartridges, respectively.

Message	Status code	Return string	Printer model	
			CS720, CS725	CX725
Intervention Required - [Color] Photoconductor Missing	40405	<b>Black photoconductor missing [84.41]</b>	X	X
Intervention Required - [Color] PC Unit Missing	40406	<b>Cyan PC Unit missing [84.41]</b>	X	X
Intervention Required - [Color] Photoconductor Missing	40406	<b>Cyan photoconductor missing [84.41]</b>	X	X
Intervention Required - [Color] PC Unit Missing	40407	<b>Magenta PC Unit missing [84.41]</b>	X	X
Intervention Required - [Color] Photoconductor Missing	40407	<b>Magenta photoconductor missing [84.41]</b>	X	X
Intervention Required - [Color] PC Unit Missing	40408	<b>Yellow PC Unit missing [84.41]</b>	X	X
Intervention Required - [Color] Photoconductor Missing	40408	<b>Yellow photoconductor missing [84.41]</b>	X	X
Intervention Required - Toner Cartridge Missing	40409	<b>Missing black cartridge and/or black imaging unit [30.xx]</b>	X	X
Intervention Required - Toner Cartridge Missing	40409	<b>Black toner cartridge missing [30.xx]</b>	X	X
Intervention Required - Defective Cartridge	40409	<b>Defective black cartridge [31.xx]</b>	X	X
Intervention Required - Missing or Defective Cartridge	40409	<b>Missing or defective black cartridge [31.xx]</b>	X	X
Intervention Required - Toner Cartridge Missing	40410	<b>Missing cyan cartridge and/or cyan imaging unit [30.xx]</b>	X	X
Intervention Required - Toner Cartridge Missing	40410	<b>Cyan toner cartridge missing [30.xx]</b>	X	X
Intervention Required - Defective Cartridge	40410	<b>Defective cyan cartridge [31.xx]</b>	X	X

<sup>1</sup> This message applies only to two-line printer models.

<sup>2</sup> This message contains a subset of letters CMYK, where CMYK denotes cyan, magenta, yellow, and black cartridges, respectively.

Message	Status code	Return string	Printer model	
			CS720, CS725	CX725
Intervention Required - Missing or Defective Cartridge	40410	<b>Missing or defective cyan cartridge [31.xx]</b>	X	X
Intervention Required - Toner Cartridge Missing	40411	<b>Missing magenta cartridge and/or magenta imaging unit [30.xx]</b>	X	X
Intervention Required - Toner Cartridge Missing	40411	<b>Magenta toner cartridge missing [30.xx]</b>	X	X
Intervention Required - Defective Cartridge	40411	<b>Defective magenta cartridge [31.xx]</b>	X	X
Intervention Required - Missing or Defective Cartridge	40411	<b>Missing or defective magenta cartridge [31.xx]</b>	X	X
Intervention Required - Toner Cartridge Missing	40412	<b>Missing yellow cartridge and/or yellow imaging unit [30.xx]</b>	X	X
Intervention Required - Toner Cartridge Missing	40412	<b>Yellow toner cartridge missing [30.xx]</b>	X	X
Intervention Required - Defective Cartridge	40412	<b>Defective yellow cartridge [31.xx]</b>	X	X
Intervention Required - Missing or Defective Cartridge	40412	<b>Missing or defective yellow cartridge [31.xx]</b>	X	X
Intervention Required - Fuser Missing	40416	<b>Fuser missing [80.xx]</b>	X	X
Intervention Required - Fuser Missing	40416	<b>Fuser missing [87.xx]</b>	X	X
Intervention Required - Fuser Missing	40416	<b>Replace missing fuser [80.xx]</b>	✓	✓
Intervention Required - Insert Duplex Pages in Tray [x]	41202	<b>Reload printed pages in Tray [x]</b>	X	X

<sup>1</sup> This message applies only to two-line printer models.

<sup>2</sup> This message contains a subset of letters CMYK, where CMYK denotes cyan, magenta, yellow, and black cartridges, respectively.



## PJI messages for paper handling

Message	Status code	Return string	Printer model	
			CS720, CS725	CX725
Intervention Required - Tray [x] Empty	11xyy	Tray [paper source #] Empty	X	X
Intervention Required - Tray [x] Missing	12x01	Tray [paper source #] Missing	X	X
Intervention Required - Bin [x] Full	15ww1	Bin [Bin #] Full	X	X
Intervention Required - Short Paper	30034	Incorrect paper size, open [paper source] [34]	X	X
		Paper too short [34]*	X	X
Intervention Required - Wrong Paper Size in Tray [x]	30034	Wrong Paper Size in Tray [x] [34]	X	X
Intervention Required - Wrong Paper Size Manual Feed	30034	Wrong Paper Size Manual Feed [34]	X	X
Intervention Required - Remove Paper [All Output Bins]	40019	Remove paper from all bins	X	X
Intervention Required - Remove Paper From All Bins	40019	Remove paper from all bins	X	X
Intervention Required - Remove Paper From Output Bin [x]	40019	Remove paper from bin [x]	X	X
Intervention Required - Remove Paper Output Bin [bin #]	40019	Remove Paper Output Bin [bin #]	X	X
Intervention Required - Remove Paper [linked set bin name]	40019	Remove paper from [linked set bin name]	X	X
Intervention Required - Remove Paper [linked set bin name]	40019	Remove Paper [linked set bin name]	X	X
Intervention Required - Remove Paper From Standard Output Bin	40019	Remove paper from standard output bin	X	X
		Bin full. Remove paper.*	X	X
Intervention Required - Remove Paper Standard Bin	40019	Remove Paper Standard Bin	X	X
Intervention Required - Scanner Static Jam - Paper Stop	40019	Scanner jam, remove all originals from the scanner [2yy.xx]	X	✓

\* This message applies only to two-line printer models.

Message	Status code	Return string	Printer model	
			CS720, CS725	CX725
Intervention Required - Scanner Static Jam - Paper Stop	40019	<b>Scanner jam, remove jammed originals from the scanner [2yy.xx]</b>	X	✓
Intervention Required - Photoconductor Exposure Warning	40025	<b>Photoconductor exposure warning</b>	X	X
Intervention Required - Check [Paper Source] Orientation or Guides	4100x	<b>Check [paper source] orientation or guides</b>	X	X
Intervention Required - Check [Paper Source] Paper Guide	4100x	<b>Check [paper source] Paper Guide</b>	X	X
Intervention Required - Incorrect Media	41xy	<b>Paper changes needed</b>	✓	✓
Intervention Required - Load [paper source] [Custom Type Name]	41xyy	<b>Load [paper source] with [Custom Type Name]</b>	✓	✓
Intervention Required - Load [paper source] [Custom Type Name] [orientation]	41xyy	<b>Load [paper source] with [Custom Type Name] [orientation]</b>	✓	✓
Intervention Required - Load [paper source] [Custom String]	41xyy	<b>Load [paper source] with [Custom String]</b>	✓	✓
Intervention Required - Load [paper source] [Custom String] [orientation]	41xyy	<b>Load [paper source] with [Custom String] [orientation]</b>	✓	✓
Intervention Required - Load [paper source] [paper size]	41xyy	<b>Load [paper source] with [paper size]</b>	✓	✓
Intervention Required - Load [paper source] [paper size] [orientation]	41xyy	<b>Load [paper source] with [paper size] [orientation]</b>	✓	✓
Intervention Required - Load [paper source] [paper type] [paper size]	41xyy	<b>Load [paper source] with [paper type] [paper size]</b>	✓	✓
Intervention Required - Load [paper source] [paper type] [paper size] [orientation]	41xyy	<b>Load [paper source] with [paper type] [paper size] [orientation]</b>	✓	✓
Intervention Required - Load Manual Request	41xyy	<b>Load Manual Feeder with [Custom Type Name]</b>	X	X

\* This message applies only to two-line printer models.

Message	Status code	Return string	Printer model	
			CS720, CS725	CX725
Intervention Required - Load Manual Request	41xyy	Load Manual Feeder with [Custom Type Name] [orientation]	X	X
Intervention Required - Load Manual Request	41xyy	Load Manual Feeder with [Custom String]	√	√
Intervention Required - Load Manual Request	41xyy	Load Manual Feeder with [Custom String] [orientation]	X	X
Intervention Required - Load Manual Request	41xyy	Load Manual Feeder with [paper size]	√	√
Intervention Required - Load Manual Request	41xyy	Load Manual Feeder with [paper size] [orientation]	X	X
Intervention Required - Load Manual Request	41xyy	Load Manual Feeder with [paper type] [paper size]	√	√
Intervention Required - Load Manual Request	41xyy	Load Manual Feeder with [paper type] [paper size] [orientation]	X	X
Intervention Required - Load Manual [Custom String] [orientation]	41xyy	Load multipurpose feeder with [Custom String] [orientation]	√	√
Intervention Required - Load Manual [paper size] [orientation]	41xyy	Load multipurpose feeder with [paper size] [orientation]	√	√
Intervention Required - Load Manual [paper type] [paper size] [orientation]	41xyy	Load multipurpose feeder with [paper size] [paper size] [orientation]	√	√
Intervention Required - Load MP Feeder [Custom Type Name] [orientation]	41xyy	Load multipurpose feeder with [Custom Type Name] [orientation]	√	√
Intervention Required - Load Manual [Custom Type Name]	41xyy	Load single sheet feeder with [Custom Type Name]	X	X
Intervention Required - Load Manual [Custom String]	41xyy	Load single sheet feeder with [Custom String]	√	√
Intervention Required - Load Manual [paper size]	41xyy	Load single sheet feeder with [paper size]	X	X
Intervention Required - Load Manual [paper type] [paper size]	41xyy	Load single sheet feeder with [paper type] [paper size]	X	X

\* This message applies only to two-line printer models.

Message	Status code	Return string	Printer model	
			CS720, CS725	CX725
Intervention Required - Change Request	41xyy	Change [paper source] to [Custom Type Name]	✓	✓
Intervention Required - Change Request	41xyy	Change [paper source] to [Custom Type Name], load [orientation]	✓	✓
Intervention Required - Change Request	41xyy	Change [paper source] to [Custom String]	✓	✓
Intervention Required - Change Request	41xyy	Change [paper source] to [Custom String] load [orientation]	✓	✓
Intervention Required - Change Request	41xyy	Change [paper source] to [paper type] [paper size]	✓	✓
Intervention Required - Change Request	41xyy	Change [paper source] to [paper type] [paper size] load [orientation]	✓	✓
Intervention Required - Change Request	41xyy	Change [paper source] to [paper size]	✓	✓
Intervention Required - Change Request	41xyy	Change [paper source] to [paper size] load [orientation]	✓	✓
Intervention Required - Incorrect Media	41xyy	Incorrect Media [34]	X	X
Intervention Required - Insert Duplex Pages & Press Go.	412yy	Insert Duplex Pages & Press Go.	X	X
Intervention Required - Insert Tray [x]	4300x	Insert tray [x]	✓	✓
Intervention Required - Gap Too Narrow	x41xyy	Insufficient space between paper stacks in Tray 3	X	X

\* This message applies only to two-line printer models.

## PJI messages for paper jams

Message	Status code	Printer model	
		CS720, CS725	CX725
Intervention Required - Paper Jam	4200x	X	X
Intervention Required - Paper Jam	4200z	✓	✓

w indicates that this message includes a letter indicating a door or cover that should be opened.  
x represents the number of jammed pages in the printer.  
y represents the tray number.  
z represents the bin number.

Message	Status code	Printer model	
		CS720, CS725	CX725
Intervention Required - Paper Jam	4201x	X	X
Intervention Required - Paper Jam	4201z	✓	✓
Intervention Required - Paper Jam	4202x	X	X
Intervention Required - Paper Jam	4202z	✓	✓
Intervention Required - Paper Jam	4203x	X	X
Intervention Required - Paper Jam	4203z	✓	✓
Intervention Required - Paper Jam	4204x	X	X
Intervention Required - Paper Jam	4205x	X	X
Intervention Required - Paper Jam	4206x	X	X
Intervention Required - Paper Jam	4207x	X	X
Intervention Required - Paper Jam	4208x	X	X
Intervention Required - Paper Jam	4209x	X	X
Intervention Required - Paper Jam	4210x	X	X
Intervention Required - Paper Jam	4211x	X	X
Intervention Required - Paper Jam	4220x	X	X
Intervention Required - Paper Jam	4221x	X	X
Intervention Required - Paper Jam	4222x	X	X
Intervention Required - Paper Jam	4230x	X	X
Intervention Required - Paper Jam	4230z	✓	✓

w indicates that this message includes a letter indicating a door or cover that should be opened.

x represents the number of jammed pages in the printer.

y represents the tray number.

z represents the bin number.

Message	Status code	Printer model	
		CS720, CS725	CX725
Intervention Required - Paper Jam	4231x	X	X
Intervention Required - Paper Jam	4231z	X	X
Intervention Required - Paper Jam	4232x	X	X
Intervention Required - Paper Jam	4233x	X	X
Intervention Required - Paper Jam	4234	X	X
Intervention Required - Paper Jam	424yx	X	X
Intervention Required - Paper Jam	424xz	✓	✓
Intervention Required - Paper Jam	4241wy	X	X
Intervention Required - Paper Jam	4241z	X	X
Intervention Required - Paper Jam	4242wy	X	X
Intervention Required - Paper Jam	4242z	X	X
Intervention Required - Paper Jam	4243w	X	X
Intervention Required - Paper Jam	4243z	X	X
Intervention Required - Paper Jam	4244wy	X	X
Intervention Required - Paper Jam	4244z	X	X
Intervention Required - Paper Jam	4245w	X	X
Intervention Required - Paper Jam	4246w	X	X
Intervention Required - Paper Jam	4247wy	X	X
Intervention Required - Paper Jam	4248w	X	X

w indicates that this message includes a letter indicating a door or cover that should be opened.

x represents the number of jammed pages in the printer.

y represents the tray number.

z represents the bin number.

Message	Status code	Printer model	
		CS720, CS725	CX725
Intervention Required - Paper Jam	4249w	X	X
Intervention Required - Paper Jam	4250w	X	X
Intervention Required - Paper Jam	4250x	X	X
Intervention Required - Paper Jam	4250z	✓	✓
Intervention Required - Paper Jam	4251wy	X	X
Intervention Required - Paper Jam	4251x	X	X
Intervention Required - Paper Jam	4252w	X	X
Intervention Required - Paper Jam	4253w	X	X
Intervention Required - Paper Jam	4254wy	X	X
Intervention Required - Paper Jam	4255	X	X
Intervention Required - Paper Jam	4256w	X	X
Intervention Required - Paper Jam	4257w	X	X
Intervention Required - Paper Jam	4258w	X	X
Intervention Required - Paper Jam	4259wy	X	X
Intervention Required - Paper Jam	4260w	X	X
Intervention Required - Paper Jam	4260x	X	X
Intervention Required - Paper Jam	4260z	✓	✓
Intervention Required - Paper Jam	4261w	X	X
Intervention Required - Paper Jam	4261x	X	X

w indicates that this message includes a letter indicating a door or cover that should be opened.

x represents the number of jammed pages in the printer.

y represents the tray number.

z represents the bin number.

Message	Status code	Printer model	
		CS720, CS725	CX725
Intervention Required - Paper Jam	427xz	✓	✓
Intervention Required - Paper Jam	427zx	x	x
Intervention Required - Paper Jam	4271	x	x
Intervention Required - Paper Jam	4271z	✓	✓
Intervention Required - Paper Jam	4272	x	x
Intervention Required - Paper Jam	4272z	x	x
Intervention Required - Paper Jam	4273	x	x
Intervention Required - Paper Jam	4280w	x	x
Intervention Required - Paper Jam	4280x	x	x
Intervention Required - Paper Jam	4280z	✓	✓
Intervention Required - Paper Jam	4281w	x	x
Intervention Required - Paper Jam	4281x	x	x
Intervention Required - Paper Jam	4281z	✓	✓
Intervention Required - Paper Jam	4282w	x	x
Intervention Required - Paper Jam	4282x	x	x
Intervention Required - Paper Jam	4282z	x	x
Intervention Required - Paper Jam	4283w	x	x
Intervention Required - Paper Jam	4283x	x	x
Intervention Required - Paper Jam	4283z	✓	✓

w indicates that this message includes a letter indicating a door or cover that should be opened.

x represents the number of jammed pages in the printer.

y represents the tray number.

z represents the bin number.



Message	Status code	Printer model	
		CS720, CS725	CX725
Intervention Required - Paper Jam	4284w	X	X
Intervention Required - Paper Jam	4284x	X	X
Intervention Required - Paper Jam	4284z	X	X
Intervention Required - Paper Jam	4285w	X	X
Intervention Required - Paper Jam	4285z	X	X
Intervention Required - Paper Jam	4286w	X	X
Intervention Required - Paper Jam	4286z	X	X
Intervention Required - Paper Jam	4287	X	X
Intervention Required - Paper Jam	4287z	X	X
Intervention Required - Paper Jam	4288	X	X
Intervention Required - Paper Jam	4288z	X	X
Intervention Required - Paper Jam	4289	X	X
Intervention Required - Paper Jam	4289z	X	X
Intervention Required - Paper Jam	4290	X	X
Intervention Required - Paper Jam	4291	X	X
Intervention Required - Paper Jam	4292	X	X
Intervention Required - Paper Jam	4293	X	X
Intervention Required - Paper Jam	4294	X	X
Intervention Required - Paper Jam	4295	X	X

w indicates that this message includes a letter indicating a door or cover that should be opened.

x represents the number of jammed pages in the printer.

y represents the tray number.

z represents the bin number.

## Service errors

Message	Error code	Printer model	
		CS720, CS725	CX725
ALL SERVICE MESSAGES	50000	X	X

## Device attendance messages

Message	Printer model	
	CS720, CS725	CX725
RDYMSG	✓	✓
OPMSG	✓	✓
STMSG	✓	✓

## Lexmark-unique PJI commands

These commands are Lexmark extensions which have been added to the PJI command set to provide the user with remote control of many printer functions.

Command	Printer model	
	CS720, CS725	CX725
Common file system commands		
• LFORMAT	✓	✓
• LDEFRAG	✓	✓
• LOPENFILE	✓	✓
• LCLOSEFILE	✓	✓
• LREADFILE	✓	✓
• LWRITEFILE	✓	✓
• LRUNFILE	✓	✓
• LRENAMEFILE	✓	✓
• LDELETEFILE	✓	✓
File and device protection commands		
• LDECLARE	✓	✓
• LDELETEPASSWORD	✓	✓
• LQUERYSEED	✓	✓
• LBYPASSPASSWORD	✓	✓
LBEEP	✓	✓
LENGINEPRT	✓	✓

Command	Printer model	
	CS720, CS725	CX725
LESCAPECHAR	✓	✓
LFAX PHONENUMBER	x	✓
LFLASH	x	x
LINITIALIZEPRINTER	x	x
LPORTROTATE	✓	✓
LPRINT testpage		
• LPRINTDIRECTORY	✓	✓
• LPRINTTESTPAGE	✓	✓
• LPRINTMENUS	✓	✓
• LPRINTPCLFONTS	✓	✓
• LPRINTPSFONTS	✓	✓
• LPRINTDIAG1TEST	✓	✓
• LPRINTDIAG2TEST	✓	✓
• LPRINTDIAG3TEST	✓	✓
LPROGRAM	x	x
LPROGRAMADAPTOR	✓	✓
LPROGRAMCOFF	✓	✓
LPROGRAMENG	✓	✓
LPROGRAMRIP	✓	✓
LWRITEOM	✓	✓

## Appendix C: PostScript support

### Supplemental operators

Operator name	Printer model	
	CS720, CS725	CX725
appletalktype	✓	✓
buildtime	✓	✓
byteorder	✓	✓
checkpassword	✓	✓
currentfilenameextend	x	x
currentmanualduplexmode	✓	✓
currentuniversalsize	✓	✓
defaulttimeouts	x	x
deletefile	✓	✓
devcontrol	✓	✓
devdismount	✓	✓
devforall	✓	✓
devformat	✓	✓
devmount	✓	✓
devstatus	✓	✓
diskonline	✓	✓
diskstatus	✓	✓
displayoperatormsg	✓	✓
doidlefonts	✓	✓
dojamrecovery	✓	✓
doprinterrors	✓	✓
doret	x	x
dostartpage	✓	✓
dosysstart	✓	✓
duplexer	✓	✓
duplexmode	✓	✓
enginesync	✓	✓

Operator name	Printer model	
	CS720, CS725	CX725
file	✓	✓
filenameforall	✓	✓
fileposition	✓	✓
firstside	✓	✓
fontnonzerowinding	✓	✓
hardwareiomode	✓	✓
idlefonts	✓	✓
ignoresize	✓	✓
initializedisk	✓	✓
jobname	✓	✓
jobsource	✓	✓
jobtimeout	x	x
manualfeed	✓	✓
manualfeedtimeout	x	x
newsheet	✓	✓
pagecount	✓	✓
pagesprinted	✓	✓
papertray	✓	✓
printername	✓	✓
product	✓	✓
PS2fonts	✓	✓
PS3fonts	✓	✓
quiet	✓	✓
ramsize	✓	✓
realformat	x	x
renamefile	✓	✓
resolution	✓	✓
revision	✓	✓
sccbatch	✓	✓
sccinteractive	✓	✓

Operator name	Printer model	
	CS720, CS725	CX725
setcoverpage	X	X
setcurrentuniversalsize	✓	✓
setdefaulttimeouts	X	X
setdoidlefonts	✓	✓
setdojamrecovery	✓	✓
setdoprinterrors	✓	✓
setdoret	X	X
setdostartpage	✓	✓
setdosysstart	✓	✓
setduplexmode	✓	✓
setenginesync	✓	✓
setethernetaddress	✓	✓
setfilenameextend	✓	✓
setfileposition	✓	✓
sethardwareiomode	X	X
setidlefonts	✓	✓
setignoresize	✓	✓
setjobtimeout	X	X
setmanualduplexmode	✓	✓
setpapertray	✓	✓
setprintername	✓	✓
setquiet	✓	✓
setresolution	✓	✓
setscbatch	✓	✓
setscinteractive	✓	✓
setsoftwareiomode	✓	✓
settumble	✓	✓
setuniversalsize	X	X
setuserdiskpercent	✓	✓
softwareiomode	✓	✓
tumble	✓	✓

Operator name	Printer model	
	CS720, CS725	CX725
userdiskpercent	✓	✓
waittimeout	X	X

## Page device parameters

Key	Printer model	
	CS720, CS725	CX725
BeginPage	✓	✓
Collate	✓	✓
DeferredMediaSelection	✓	✓
DeviceRenderingInfo	✓	✓
• Screening	X	X
- ColorGrade	X	X
- PictureGrade	X	X
- IET	X	X
- IETImagesOnly	X	X
- IETPictureGrade	X	X
- None	X	X
• TonerSaver	X	X
• PictureGrade	X	X
• ImageEnhancement	✓	✓
• ImageEnhancementType	✓	✓
• PrintDarkness	✓	✓
• AutoMediaType	✓	✓
• EdgeToEdge	✓	✓
• DefaultPoliciesPageSize	X	X
• SubstituteSize	✓	✓
• LineDetail	✓	✓
• Type	✓	✓
• ColorCorrection	✓	✓
• ColorBalance	X	X
• ColorSaver	X	X
• ImageBrightness	✓	✓

Key	Printer model	
	CS720, CS725	CX725
• Imageess	X	X
• ImageContrast	✓	✓
• ImageSaturation	X	X
• ManualColor	X	X
• PrintQuality	X	X
Duplex	✓	✓
EndPage	✓	✓
ExitJamRecovery	✓	✓
HWRResolution	✓	✓
ImagingBBox	✓	✓
InputAttributes	✓	✓
• 0 - Tray 1	✓	✓
• 1 - Tray 2	✓	✓
• 2 - Envelope Feeder	X	X
• 3 - Tray 3	✓	✓
• 4 - Multipurpose Feeder	✓	✓
• 5 - Tray 4	✓	✓
• 6 - Tray 5	✓	✓
- PageSize	✓	✓
- MatchAll	✓	✓
- MediaColor	✓	✓
- MediaType	✓	✓
- MediaWeight	✓	✓
- InputLocation	✓	✓
• Mode	✓	✓
• Priority	✓	✓
Install	✓	✓
Jog	✓	✓
ManualFeed	✓	✓
ManualFeedTimeout	✓	✓



Key	Printer model	
	CS720, CS725	CX725
MediaColor	✓	✓
MediaPosition	✓	✓
MediaType	✓	✓
MediaWeight	✓	✓
NumCopies	✓	✓
Nup	✓	✓
NupDetails	✓	✓
• Rows	✓	✓
• Columns	✓	✓
• Orientation	✓	✓
• Border	✓	✓
• Order	✓	✓
• Type	✓	✓
• LandscapeOverride	✓	✓
OutputAttributes	✓	✓
• 0 - Standard Bin	✓	✓
• 1 - Optional Bin 1	✓	✓
• 2 - Optional Bin 2	✓	✓
• 3 - Optional Bin 3	✓	✓
- OutputType	✓	✓
- OutputLocation	✓	✓
• 4 - Optional Bin 4	✓	✓
• 5 - Optional Bin 5	x	x
• 6 - Optional Bin 6	x	x
• 7 - Optional Bin 7	x	x
• 8 - Optional Bin 8	x	x
• 9 - Optional Bin 9	x	x
• 10 - Optional Bin 10	x	x
• Priority	✓	✓
OutputPage	✓	✓

Key	Printer model	
	CS720, CS725	CX725
OutputType	✓	✓
PageDeviceName	✓	✓
PageSize	✓	✓
Policies	✓	✓
• PageSize	✓	✓
• PolicyNotFound	✓	✓
• PolicyReport	✓	✓
PostRenderingEnhance	x	x
PostRenderingEnhanceDetails	x	x
• REValue	x	x
• Type	x	x
PowerSave	✓	✓
ProcessColorModel	x	x
Punch	✓	✓
SlipSheet	✓	✓
SlipSheetDetails	✓	✓
• SlipSheetSource	✓	✓
• Type	✓	✓
Staple	✓	✓
TraySwitch	✓	✓
Tumble	✓	✓
UniversalDetails	✓	✓

## User interpreter parameters

Key	Default	Printer model	
		CS720, CS725	CX725
AccurateScreens	false	✓	✓
CollatedCopies	Collation - Collated Copies (QTY) value	✓	✓
HalftoneMode	0	✓	✓
IdiomRecognition	true	✓	✓
JobName	()	✓	✓

Key	Default	Printer model	
		CS720, CS725	CX725
JobTimeout	JobTimeout system parameter	✓	✓
MaxDictStack	255	✓	✓
MaxExecStack	10015	✓	✓
MaxFontItem	12500	✓	✓
MaxFormItem	100000	✓	✓
MaxLocalVM	2147483647	✓	✓
MaxOpStack	100000	✓	✓
MaxPatternItem	20000	✓	✓
MaxScreenItem	48000	✓	✓
MaxSuperScreen	1024	✓	✓
MaxUPathItem	5000	✓	✓
MinFontCompress	2147483647	✓	✓
PageCount	0	✓	✓
UseOldcopypage	false	✓	✓
VMReclaim	0	✓	✓
VMThreshold	25000 per MB of RAM	✓	✓
WaitTimeout	WaitTimeout system parameter	✓	✓

## System interpreter parameters

Key	Printer model	
	CS720, CS725	CX725
BuildTime	✓	✓
ByteOrder	✓	✓
CurDisplayList	✓	✓
CurFontCache	✓	✓
CurFormCache	✓	✓
CurInputDevice	✓	✓
CurOutlineCache	✓	✓
CurOutputDevice	✓	✓
CurPatternCache	✓	✓

Key	Printer model	
	CS720, CS725	CX725
CurScreenStorage	✓	✓
CurSourceList	✓	✓
CurUPathCache	✓	✓
DisableFastProcs	✓	✓
DoPrintErrors	✓	✓
DoStartPage	✓	✓
EnableExtraFonts	✓	✓
EngineBoot	✓	✓
EngineCode	✓	✓
EngineSpeed	✓	✓
EnvironmentSave	✓	✓
FactoryDefaults	✓	✓
FatalErrorAddress	✓	✓
FontResourceDir	✓	✓
FontVersion	✓	✓
GenericResourceDir	✓	✓
GenericResourcePathSep	✓	✓
InstalledRam	✓	✓
JobTimeout	✓	✓
languagelevel	✓	✓
MaxDisplayList	✓	✓
MaxDisplayAndSourceList	✓	✓
MaxFontCache	✓	✓
MaxFormCache	✓	✓
MaxImageBuffer	✓	✓
MaxOutlineCache	✓	✓
MaxPatternCache	✓	✓
MaxPermanentVM	✓	✓
MaxRasterMemory	✓	✓
MaxScreenStorage	✓	✓

Key	Printer model	
	CS720, CS725	CX725
MaxSourceList	✓	✓
MaxUPathCache	✓	✓
PageCount	✓	✓
PanelCode	✓	✓
PrinterCode	✓	✓
PrinterName	✓	✓
RamSize	✓	✓
RealFormat	✓	✓
Revision	✓	✓
SearchBuiltinFontsFirst	✓	✓
SerialNumber	✓	✓
StartJobPassword	✓	✓
StartupMode	✓	✓
StaticRamSize	✓	✓
SystemParamsPassword	✓	✓
UseOldcopypage	✓	✓
UseOldfonts	✓	✓
ValidNV	✓	✓
WaitTimeout	✓	✓

## Devices supported

Device	Printer model	
	CS720, CS725	CX725
%AppSocketA%	✓	✓
%AppSocketB%	✓	✓
%AppSocketC%	✓	✓
%AppSocketD%	✓	✓
%CalendarA%	✓	✓
%CalendarB%	✓	✓
%CalendarC%	✓	✓

Device	Printer model	
	CS720, CS725	CX725
%CalendarD%	✓	✓
%Console%	✓	✓
%disk1%	✓	✓
%Engine%	✓	✓
%EthernetPhysicalA%	✓	✓
%EthernetPhysicalB%	✓	✓
%EthernetPhysicalC%	✓	✓
%EthernetPhysicalD%	✓	✓
%EtherTalkA%	✓	✓
%EtherTalkB%	✓	✓
%EtherTalkC%	✓	✓
%EtherTalkD%	✓	✓
%flash1%	✓	✓
%IP_A%	✓	✓
%IP_B%	✓	✓
%IP_C%	✓	✓
%IP_D%	✓	✓
%IR_A%	✓	✓
%IR_B%	✓	✓
%IR_C%	✓	✓
%IR_D%	✓	✓
%LexLinkA%	x	x
%LexLinkB%	x	x
%LexLinkC%	x	x
%LexLinkD%	x	x
%LocalTalkA%	✓	✓
%LocalTalkB%	✓	✓
%LocalTalkC%	✓	✓
%LocalTalkD%	✓	✓
%LPR_A%	✓	✓

Device	Printer model	
	CS720, CS725	CX725
%LPR_B%	✓	✓
%LPR_C%	✓	✓
%LPR_D%	✓	✓
%ParallelA%	✓	✓
%ParallelB%	✓	✓
%ParallelC%	✓	✓
%ParallelD%	✓	✓
%PrintServerA%	x	x
%PrintServerB%	x	x
%PrintServerC%	x	x
%PrintServerD%	x	x
%PrinterServerA%	✓	✓
%PrinterServerB%	✓	✓
%PrinterServerC%	✓	✓
%PrinterServerD%	✓	✓
%RemotePrinterA%	✓	✓
%RemotePrinterB%	✓	✓
%RemotePrinterC%	✓	✓
%RemotePrinterD%	✓	✓
%rom%	✓	✓
%SerialA%	✓	✓
%SerialB%	✓	✓
%SerialC%	✓	✓
%SerialD%	✓	✓
%TokenRingPhysicalA%	✓	✓
%TokenRingPhysicalB%	✓	✓
%TokenRingPhysicalC%	✓	✓
%TokenRingPhysicalD%	✓	✓
%TokenTalkA%	✓	✓
%TokenTalkB%	✓	✓

Device	Printer model	
	CS720, CS725	CX725
%TokenTalkC%	✓	✓
%TokenTalkD%	✓	✓
%USB_A%	✓	✓
%USB_B%	✓	✓
%USB_C%	✓	✓
%USB_D%	✓	✓

## Device parameters

Key	Printer model	
	CS720, CS725	CX725
<b>Device Parameters for the Communication Device %Parallel%, %ParallelA%, %ParallelB%, %ParallelC%, %ParallelD%</b>		
DelayedOutputClose	✓	✓
Enabled	✓	✓
Filtering	✓	✓
Handshake	✓	✓
HasNames	✓	✓
Interpreter	✓	✓
On	✓	✓
OutputDevice	✓	✓
PCLSmartSwitch	✓	✓
PortLocation	✓	✓
PSSmartSwitch	✓	✓
Type	✓	✓
<b>Device Parameters for the Communication Device %Serial%, %SerialA%, %SerialB%, %SerialC%, %SerialD%</b>		
Baud	✓	✓
CheckParity	✓	✓
DataBits	✓	✓
DelayedOutputClose	✓	✓
Enabled	✓	✓
Filtering	✓	✓



Key	Printer model	
	CS720, CS725	CX725
FlowControl	✓	✓
HasNames	✓	✓
HonorDSR	✓	✓
Interpreter	✓	✓
On	✓	✓
Parity	✓	✓
PCLSmartSwitch	✓	✓
PortLocation	✓	✓
PSSmartSwitch	✓	✓
RobustXon	✓	✓
SerialMode	✓	✓
StopBits	✓	✓
Type	✓	✓
<b>Device Parameters for the Communication Device %LocalTalk%, %LocalTalkA%, %LocalTalkB%, %LocalTalkC%, %LocalTalkD%</b>		
DelayedOutputClose	✓	✓
Enabled	✓	✓
Filtering	✓	✓
HasNames	✓	✓
Interpreter	✓	✓
LocalTalkType	✓	✓
NodeID	✓	✓
On	✓	✓
PCLSmartSwitch	✓	✓
PortLocation	✓	✓
PSSmartSwitch	✓	✓
Type	✓	✓
<b>Device Parameters for the Communication Device %EtherTalk%, %EtherTalkA%, %EtherTalkB%, %EtherTalkC%, %EtherTalkD%</b>		
DelayedOutputClose	✓	✓
Enabled	✓	✓

Key	Printer model	
	CS720, CS725	CX725
EthernetAddress	✓	✓
EtherTalkType	✓	✓
EtherTalkZone	✓	✓
Filtering	✓	✓
HasNames	✓	✓
Interpreter	✓	✓
NodeID	✓	✓
On	✓	✓
PCLSmartSwitch	✓	✓
PortLocation	✓	✓
PSSmartSwitch	✓	✓
Type	✓	✓
<b>Device Parameters for the Communication Device %IR%, %IR_A%, %IR_B%, %IR_C%, %IR_D%</b>		
DelayedOutputClose	✓	✓
Enabled	✓	✓
Filtering	✓	✓
HasNames	✓	✓
Interpreter	✓	✓
On	✓	✓
PCLSmartSwitch	✓	✓
PortLocation	✓	✓
PSSmartSwitch	✓	✓
Type	✓	✓
<b>Device Parameters for the Communication Device %USB%, %USB_A%, %USB_B%, %USB_C%, %USB_D%</b>		
DelayedOutputClose	✓	✓
Enabled	✓	✓
Filtering	✓	✓
HasNames	✓	✓
Interpreter	✓	✓
On	✓	✓

Key	Printer model	
	CS720, CS725	CX725
PCLSmartSwitch	✓	✓
PortLocation	✓	✓
PSSmartSwitch	✓	✓
Type	✓	✓
<b>Device Parameters for the Communication Device %TokenTalk%, %TokenTalkA%, %TokenTalkB%, %TokenTalkC%, %TokenTalkD%</b>		
Address	✓	✓
Bridging	✓	✓
DelayedOutputClose	✓	✓
Enabled	✓	✓
Filtering	✓	✓
HasNames	✓	✓
Interpreter	✓	✓
NodeID	✓	✓
On	✓	✓
PCLSmartSwitch	✓	✓
PortLocation	✓	✓
PSSmartSwitch	✓	✓
TokenTalkType	✓	✓
Type	✓	✓
Zone	✓	✓
<b>Device Parameters for the Communication Device %AppSocket%, %AppSocketA%, %AppSocketB%, %AppSocketC%, %AppSocketD%</b>		
DelayedOutputClose	✓	✓
Enabled	✓	✓
Filtering	✓	✓
HasNames	✓	✓
Interpreter	✓	✓
On	✓	✓
PortLocation	✓	✓
Type	✓	✓

Key	Printer model	
	CS720, CS725	CX725
<b>Device Parameters for the Communication Device %RemotePrinter%, %RemotePrinterA%, %RemotePrinterB%, %RemotePrinterC%, %RemotePrinterD%</b>		
DelayedOutputClose	✓	✓
Enabled	✓	✓
Filtering	✓	✓
HasNames	✓	✓
Interpreter	✓	✓
On	✓	✓
PortLocation	✓	✓
Type	✓	✓
<b>Device Parameters for the Communication Device %PrintServer%, PrintServerA%, PrintServerB%, %PrintServerC%, %PrintServerD%</b>		
DelayedOutputClose	✓	✓
Enabled	✓	✓
Filtering	✓	✓
HasNames	✓	✓
Interpreter	✓	✓
On	✓	✓
PortLocation	✓	✓
Type	✓	✓
<b>Device Parameters for the Communication Device %LPR%, %LPR_A%, %LPR_B%, %LPR_C%, %LPR_D%</b>		
Enabled	✓	✓
Filtering	✓	✓
HasNames	✓	✓
Interpreter	✓	✓
On	✓	✓
PortLocation	✓	✓
Type	✓	✓
<b>Device Parameters for the Communication Device %LexLink%, %LexLinkA%, %LexLinkB%, %LexLinkC%, %LexLinkD%</b>		
DelayedOutputClose	X	X
Enabled	X	X
HasNames	X	X

Key	Printer model	
	CS720, CS725	CX725
Interpreter	X	X
On	X	X
PortLocation	X	X
Type	X	X
<b>Device Parameters for the Communication Device %IP%, %IP_A%, %IP_B%, %IP_C%, %IP_D%</b>		
GatewayAddress	✓	✓
IPAddress	✓	✓
IPAddressDynamic	✓	✓
NetworkMask	✓	✓
On	✓	✓
Physical	✓	✓
PortLocation	✓	✓
Type	✓	✓
<b>Device Parameters for the Communication Device %EthernetPhysical%, %EthernetPhysicalA%, %EthernetPhysicalB%, %EthernetPhysicalC%, %EthernetPhysicalD%</b>		
EthernetAddress	✓	✓
On	✓	✓
PortLocation	✓	✓
Type	✓	✓
<b>Device Parameters for the Communication Device %TokenRingPhysical%, %TokenRingPhysicalA%, %TokenRingPhysicalB%, %TokenRingPhysicalC%, %TokenRingPhysicalD%</b>		
Address	✓	✓
On	✓	✓
PortLocation	✓	✓
Speed	✓	✓
Type	✓	✓
<b>Device Parameters for the Parameters Device %Engine%</b>		
BSizeStandard	✓	✓
Darkness	✓	✓
PageCount	✓	✓
TimeToStandby	✓	✓
Type	✓	✓

Key	Printer model	
	CS720, CS725	CX725
<b>Device Parameters for the Parameters Device %Console%</b>		
Language	✓	✓
Type	✓	✓
<b>Device Parameters for the Parameters Device %Calendar%, %CalendarA%, %CalendarB%, %CalendarC%, %CalendarD%</b>		
Day	✓	✓
Hour	✓	✓
Minute	✓	✓
Month	✓	✓
Running	✓	✓
Second	✓	✓
Type	✓	✓
Year	✓	✓
DateTime	✓	✓
DayOfWeekLong	✓	✓
DayOfWeekNum	✓	✓
DayOfWeekShort	✓	✓
<b>Device Parameters for the Parameters Device %disk1%</b>		
BlockSize	✓	✓
Free	✓	✓
HasNames	✓	✓
InitializeAction	✓	✓
LogicalSize	✓	✓
Mounted	✓	✓
PhysicalSize	✓	✓
Removable	✓	✓
Searchable	✓	✓
SearchOrder	✓	✓
Type	✓	✓
Writeable	✓	✓

Key	Printer model	
	CS720, CS725	CX725
<b>Device Parameters for the Parameters Device %flash1%</b>		
BlockSize	✓	✓
Free	✓	✓
HasNames	✓	✓
InitializeAction	✓	✓
LogicalSize	✓	✓
Mounted	✓	✓
PhysicalSize	✓	✓
Removable	✓	✓
Searchable	✓	✓
SearchOrder	✓	✓
Type	✓	✓
Writeable	✓	✓
<b>Device Parameters for the Parameters Device %rom%</b>		
BlockSize	✓	✓
Free	✓	✓
HasNames	✓	✓
InitializeAction	✓	✓
LogicalSize	✓	✓
Mounted	✓	✓
PhysicalSize	✓	✓
Removable	✓	✓
Searchable	✓	✓
SearchOrder	✓	✓
Type	✓	✓
Writeable	✓	✓

## PostScript message keys commands

Key	Printer model	
	CS720, CS725	CX725
job	✓	✓
status	✓	✓
source	✓	✓



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