

**hp** no. 81 *Dye* &  
**hp** no. 83 *UV* inks supplies



**breaking  
speed barriers**

**with ultimate  
photo-quality**

**reseller datasheet**





Achieve ultimate photo-quality production printing at unrivalled print speed with HP No. 81 Dye ink supplies which features HP's Jetexpress technology and six-colour modular ink system.

And when you need more durable images, you can opt for HP No. 83 UV ink supplies. The uv-resistant inks are pigment-based to provide increased durability and fade resistance both in-and out-doors.

#### **unrivalled print speeds**

Get fast, no-compromise inkjet printing with HP No. 81 Dye and No. 83 UV printheads and HP's Jetexpress technology. Featuring a nearly one-inch wide printhead, HP's Jetexpress technology helps HP Designjet 5000 series printers achieve unmatched speeds – up to 569 square feet (52.8 square meters) per hour (printing 600 dpi, maximum-speed print mode, on HP coated paper).

#### **ultimate photo-quality**

Experience the widest colour gamut and smoothest colour transitions with HP's six-colour ink systems – the newly formulated No. 81 Dye inks as well as HP No. 83 UV inks. Light cyan and light magenta, along with cyan, magenta, yellow and black, produce a brilliant range of colours. HP's colour layering technology, which layers multiple drops of ink in a single dot, creates more directly printable colours and captures the most intricate details.

#### **images that last**

Create durable, lightfast indoor and outdoor prints with pigment-based HP No. 83 UV six-colour ink system. The uv-resistant inks are pigment-based to provide increased durability and fade resistance.



When used with HP's recommended printing materials, HP No. 83 UV ink supplies are ideal for:

- long-lasting outdoor signs, posters and banners
- long-term retail signs, banners, backdrops and point-of-purchase displays
- window displays
- backlit images
- archival fine art and photographic reproductions
- floor and vehicle graphics

#### **always clear and sharp**

HP No. 81 Dye and No. 83 UV ink supplies, HP Designjet 5000 series printers and HP premium printing materials are specially engineered and tested to ensure uncompromising print quality, performance and reliability.

#### **ideal supplies customers**

Owners and operators of HP Designjet 5000 and 5000PS printers, including:

- professional print service providers (graphic art service bureaus, photo labs, exhibit builders, reproduction houses, sign shops, screen printers)
- quick printers and copy shops
- in-house graphics professionals (ad agencies, design studios, corporate design departments)

The support staff who select and purchase supplies, including:

- administrative assistants and office managers
- purchasing agents
- IT and printer maintenance personnel



introduction dates	hp no. 81 <b>Dye</b> ink supplies
blind cpl:	august 1, 2000
public announcement:	august 29, 2000
public cpl:	september 1, 2000

introduction dates	hp no. 83 <b>UV</b> ink supplies
blind cpl:	1 january 2001
public announcement:	29 august 2000
public cpl:	1 february 2001

#### compatible hp printers

hp designjet 5000 (42 inch/60 inch)  
hp designjet 5000PS (42 inch/60 inch)

## features and benefits

### six dye-based and uv ink colours

- hp no. 81 dye-based and no. 83 uv inks are newly formulated to deliver the most brilliant, photo-realistic images and vivid, full-colour graphics.
- the two additional ink colours – light cyan and light magenta – offer production printing the widest colour gamut and smoothest colour transitions.
- hp's colour layering technology layers multiple drops of ink in a single dot to produce brilliant colour prints that are always clear and sharp.

### hp no. 81 dye and no. 83 uv printheads with jetexpress technology

- hp's jetexpress technology results in fast, unattended printing without compromising image quality. The one-inch wide printheads with 512 nozzles per printhead lay down a wider ink swath compared with 240 nozzles in the hp designjet cp series ink systems.
- print modes of up to 1200 dpi enable high-resolution images in production printing.

### built-in smart chips and hp designjet webaccess tool

- smart chips embedded in each of the hp no. 81 dye and no. 83 uv printheads track the printheads' health and alert users when it is time to replace. Users can monitor the status of their printing supplies using the hp designjet webaccess tool, the printer display panel or the printer dialogue screen. The result is consistent, high-quality printing without guesswork.
- hp no. 81 dye and no. 83 uv ink cartridges continuously monitor ink levels so users will not run out of ink unexpectedly. This smart printing system is ideal for overnight and unattended production printing.

## modular ink delivery system

- separate high-capacity ink cartridges allow users to replace individual supplies as needed, saving you time and money.
- lower cost per print and increased printhead's life as printheads can be replaced separately and less frequently than ink cartridges. On average, one printhead will last through two to three ink cartridges, depending on usage.
- the hp no. 81 dye and no. 83 uv value packs ink cartridge, printhead and cleaner in one box provides added cost savings and convenience.

## product warranties

The HP No. 81 Dye and No. 83 UV ink cartridge warranty is valid until the genuine HP ink is depleted, or when the "end of warranty" date is reached, whichever occurs first.

The HP No. 81 Dye and No. 83 UV printhead warranty is valid until the "end of warranty" date indicated on the printhead, or when 700 ml of ink is cycled through the printhead, whichever occurs first.

## applications

To change between uv and dye inks, use the HP UV ink upgrade kit.

- hp C2377A uv ink upgrade kit, 42 inch
- hp C2379A uv ink upgrade kit, 60 inch

To store printheads when not in use, use the hp printhead storage container included with the HP UV ink upgrade kit. Storage container is also available separately.

- hp C2383A printhead storage container

## hp no. 81 ink cartridge product specifications

### hp no. 81 ink cartridge package

product	colour	volume	US list price	selection no.	qty.	dimensions (LxWxH)	weight	UPC codes
C4930A	black	680 ml	239.99	81	1	320 x 114.3 x 55.9 mm	.95 kg	0 25184-25256 4
C4931A	cyan	680 ml	239.99	81	1	320 x 114.3 x 55.9 mm	.95 kg	0 25184-25257 1
C4932A	magenta	680 ml	239.99	81	1	320 x 114.3 x 55.9 mm	.95 kg	0 25184-25258 8
C4933A	yellow	680 ml	239.99	81	1	320 x 114.3 x 55.9 mm	.95 kg	0 25184-25259 5
C4934A	light cyan	680 ml	239.99	81	1	320 x 114.3 x 55.9 mm	.95 kg	0 25184-25260 1
C4935A	light magenta	680 ml	239.99	81	1	320 x 114.3 x 55.9 mm	.95 kg	0 25184-25261 8

### hp no. 81 ink cartridge master carton

product	colour	selection no.	qty.	dimensions (LxWxH)	weight	ITF-14 codes
C4930A	black	81	10	330.2 x 284.5 x 256.5 mm	10.5 kg	1 00 25184-25256 1
C4931A	cyan	81	10	330.2 x 284.5 x 256.5 mm	10.5 kg	1 00 25184-25257 8
C4932A	magenta	81	10	330.2 x 284.5 x 256.5 mm	10.5 kg	1 00 25184-25258 5
C4933A	yellow	81	10	330.2 x 284.5 x 256.5 mm	10.5 kg	1 00 25184-25259 2
C4934A	light cyan	81	10	330.2 x 284.5 x 256.5 mm	10.5 kg	1 00 25184-25260 8
C4935A	light magenta	81	10	330.2 x 284.5 x 256.5 mm	10.5 kg	1 00 25184-25261 5

### hp no. 81 ink cartridge pallet

product	colour	selection no.	qty.	dimensions (LxWxH)	weight	ITF-14 codes
C4930A	black	81	600	1183.6 x 990.6 x 1277.6 mm	703 kg	2 00 25184-25256 8
C4931A	cyan	81	600	1183.6 x 990.6 x 1277.6 mm	703 kg	2 00 25184-25257 5
C4932A	magenta	81	600	1183.6 x 990.6 x 1277.6 mm	703 kg	2 00 25184-25258 2
C4933A	yellow	81	600	1183.6 x 990.6 x 1277.6 mm	703 kg	2 00 25184-25259 9
C4934A	light cyan	81	600	1183.6 x 990.6 x 1277.6 mm	703 kg	2 00 25184-25260 5
C4935A	light magenta	81	600	1183.6 x 990.6 x 1277.6 mm	703 kg	2 00 25184-25261 2

## hp no. 81 printhead product specifications

### hp no. 81 printhead and cleaner package

product	colour	volume	US list price	selection no.	qty.	dimensions (LxWxH)	weight	UPC codes
C4950A	black	13 ml	139.99	81	1	264.2 x 114.3 x 35.6 mm	.23 kg	0 25184-25262 5
C4951A	cyan	13 ml	139.99	81	1	264.2 x 114.3 x 35.6 mm	.23 kg	0 25184-25263 2
C4952A	magenta	13 ml	139.99	81	1	264.2 x 114.3 x 35.6 mm	.23 kg	0 25184-25264 9
C4953A	yellow	13 ml	139.99	81	1	264.2 x 114.3 x 35.6 mm	.23 kg	0 25184-25265 6
C4954A	light cyan	13 ml	139.99	81	1	264.2 x 114.3 x 35.6 mm	.23 kg	0 25184-25266 3
C4955A	light magenta	13 ml	139.99	81	1	264.2 x 114.3 x 35.6 mm	.23 kg	0 25184-25267 0

## hp no. 81 printhead product specifications

### hp no. 81 printhead and cleaner master carton

product	colour	selection no.	qty.	dimensions (LxWxH)	weight	ITF-14 codes
C4950A	black	81	10	363.2 x 279.4 x 139.7 mm	2.4 kg	1 00 25184-25262 2
C4951A	cyan	81	10	363.2 x 279.4 x 139.7 mm	2.4 kg	1 00 25184-25263 9
C4952A	magenta	81	10	363.2 x 279.4 x 139.7 mm	2.4 kg	1 00 25184-25264 6
C4953A	yellow	81	10	363.2 x 279.4 x 139.7 mm	2.4 kg	1 00 25184-25265 3
C4954A	light cyan	81	10	363.2 x 279.4 x 139.7 mm	2.4 kg	1 00 25184-25266 0
C4955A	light magenta	81	10	363.2 x 279.4 x 139.7 mm	2.4 kg	1 00 25184-25267 7

### hp no. 81 printhead and cleaner pallet

product	colour	selection no.	qty.	dimensions (LxWxH)	weight	ITF-14 codes
C4950A	black	81	1100	1112.5 x 1000.8 x 1409.7 mm	290.3 kg	2 00 25184-25262 9
C4951A	cyan	81	1100	1112.5 x 1000.8 x 1409.7 mm	290.3 kg	2 00 25184-25263 6
C4952A	magenta	81	1100	1112.5 x 1000.8 x 1409.7 mm	290.3 kg	2 00 25184-25264 3
C4953A	yellow	81	1100	1112.5 x 1000.8 x 1409.7 mm	290.3 kg	2 00 25184-25265 0
C4954A	light cyan	81	1100	1112.5 x 1000.8 x 1409.7 mm	290.3 kg	2 00 25184-25266 7
C4955A	light magenta	81	1100	1112.5 x 1000.8 x 1409.7 mm	290.3 kg	2 00 25184-25267 4

## hp no. 81 value pack product specifications

### hp no. 81 ink cartridge, printhead and cleaner package

product	colour	volume	US list price	selection no.	qty.	dimensions (LxWxH)	weight	UPC codes
C4990A	black	680 + 13 ml	309.99	81	1	320 x 114.3 x 88.9 mm	1.18 kg	0 25184-25268 7
C4991A	cyan	680 + 13 ml	309.99	81	1	320 x 114.3 x 88.9 mm	1.18 kg	0 25184-25269 4
C4992A	magenta	680 + 13 ml	309.99	81	1	320 x 114.3 x 88.9 mm	1.18 kg	0 25184-25270 0
C4993A	yellow	680 + 13 ml	309.99	81	1	320 x 114.3 x 88.9 mm	1.18 kg	0 25184-25271 7
C4994A	light cyan	680 + 13 ml	309.99	81	1	320 x 114.3 x 88.9 mm	1.18 kg	0 25184-25272 4
C4995A	light magenta	680 + 13 ml	309.99	81	1	320 x 114.3 x 88.9 mm	1.18 kg	0 25184-25273 1

### hp no. 81 ink cartridge, printhead and cleaner master carton

product	colour	selection no.	qty.	dimensions (LxWxH)	weight	ITF-14 codes
C4990A	black	81	5	485.1 x 340.3 x 147.3 mm	6.8 kg	1 00 25184-25268 4
C4991A	cyan	81	5	485.1 x 340.3 x 147.3 mm	6.8 kg	1 00 25184-25269 1
C4992A	magenta	81	5	485.1 x 340.3 x 147.3 mm	6.8 kg	1 00 25184-25270 7
C4993A	yellow	81	5	485.1 x 340.3 x 147.3 mm	6.8 kg	1 00 25184-25271 4
C4994A	light cyan	81	5	485.1 x 340.3 x 147.3 mm	6.8 kg	1 00 25184-25272 1
C4995A	light magenta	81	5	485.1 x 340.3 x 147.3 mm	6.8 kg	1 00 25184-25273 8

## hp no. 81 value pack product specifications

### hp no. 81 ink cartridge, printhead and cleaner pallet

product	colour	selection no.	qty.	dimensions (LxWxH)	weight	ITF-14 codes
C4990A	black	81	360	1219.2 x 1016 x 127 mm	512.6 kg	2 00 25184-25268 1
C4991A	cyan	81	360	1219.2 x 1016 x 127 mm	512.6 kg	2 00 25184-25269 8
C4992A	magenta	81	360	1219.2 x 1016 x 127 mm	512.6 kg	2 00 25184-25270 4
C4993A	yellow	81	360	1219.2 x 1016 x 127 mm	512.6 kg	2 00 25184-25271 1
C4994A	light cyan	81	360	1219.2 x 1016 x 127 mm	512.6 kg	2 00 25184-25272 8
C4995A	light magenta	81	360	1219.2 x 1016 x 127 mm	512.6 kg	2 00 25184-25273 5

## hp no. 83 ink cartridge product specifications

### hp no. 83 ink cartridge package

product	colour	volume	US list price	selection no.	qty.	dimensions (LxWxH)	weight	UPC codes
C4940A	black	680 ml	TBD	83	1	320 x 114.3 x 55.9 mm	.95 kg	0 25184-25274 8
C4941A	cyan	680 ml	TBD	83	1	320 x 114.3 x 55.9 mm	.95 kg	0 25184-25275 5
C4942A	magenta	680 ml	TBD	83	1	320 x 114.3 x 55.9 mm	.95 kg	0 25184-25276 2
C4943A	yellow	680 ml	TBD	83	1	320 x 114.3 x 55.9 mm	.95 kg	0 25184-25277 9
C4944A	light cyan	680 ml	TBD	83	1	320 x 114.3 x 55.9 mm	.95 kg	0 25184-25278 6
C4945A	light magenta	680 ml	TBD	83	1	320 x 114.3 x 55.9 mm	.95 kg	0 25184-25279 3

### hp no. 83 ink cartridge master carton

product	colour	selection no.	qty.	dimensions (LxWxH)	weight	ITF-14 codes
C4940A	black	83	10	330.2 x 284.5 x 256.5 mm	10.5 kg	1 00 25184-25274 5
C4941A	cyan	83	10	330.2 x 284.5 x 256.5 mm	10.5 kg	1 00 25184-25275 2
C4942A	magenta	83	10	330.2 x 284.5 x 256.5 mm	10.5 kg	1 00 25184-25276 9
C4943A	yellow	83	10	330.2 x 284.5 x 256.5 mm	10.5 kg	1 00 25184-25277 6
C4944A	light cyan	83	10	330.2 x 284.5 x 256.5 mm	10.5 kg	1 00 25184-25278 3
C4945A	light magenta	83	10	330.2 x 284.5 x 256.5 mm	10.5 kg	1 00 25184-25279 0

### hp no. 83 ink cartridge pallet

product	colour	selection no.	qty.	dimensions (LxWxH)	weight	ITF-14 codes
C4940A	black	83	600	1183.6 x 990.6 x 1277.6 mm	703 kg	2 00 25184-25274 2
C4941A	cyan	83	600	1183.6 x 990.6 x 1277.6 mm	703 kg	2 00 25184-25275 9
C4942A	magenta	83	600	1183.6 x 990.6 x 1277.6 mm	703 kg	2 00 25184-25276 6
C4943A	yellow	83	600	1183.6 x 990.6 x 1277.6 mm	703 kg	2 00 25184-25277 3
C4944A	light cyan	83	600	1183.6 x 990.6 x 1277.6 mm	703 kg	2 00 25184-25278 0
C4945A	light magenta	83	600	1183.6 x 990.6 x 1277.6 mm	703 kg	2 00 25184-25279 7

## hp no. 83 printhead product specifications

### hp no. 83 printhead and cleaner package

product	colour	volume	US list price	selection no.	qty.	dimensions (LxWxH)	weight	UPC codes
C4960A	black	13 ml	TBD	83	1	264.2 x 114.3 x 35.6 mm	.23 kg	0 25184-25280 9
C4961A	cyan	13 ml	TBD	83	1	264.2 x 114.3 x 35.6 mm	.23 kg	0 25184-25281 6
C4962A	magenta	13 ml	TBD	83	1	264.2 x 114.3 x 35.6 mm	.23 kg	0 25184-25282 3
C4963A	yellow	13 ml	TBD	83	1	264.2 x 114.3 x 35.6 mm	.23 kg	0 25184-25283 0
C4964A	light cyan	13 ml	TBD	83	1	264.2 x 114.3 x 35.6 mm	.23 kg	0 25184-25284 7
C4965A	light magenta	13 ml	TBD	83	1	264.2 x 114.3 x 35.6 mm	.23 kg	0 25184-25285 4

### hp no. 83 printhead and cleaner master carton

product	colour	selection no.	qty.	dimensions (LxWxH)	weight	ITF-14 codes
C4960A	black	83	10	363.2 x 279.4 x 139.7 mm	2.4 kg	1 00 25184-25280 6
C4961A	cyan	83	10	363.2 x 279.4 x 139.7 mm	2.4 kg	1 00 25184-25281 3
C4962A	magenta	83	10	363.2 x 279.4 x 139.7 mm	2.4 kg	1 00 25184-25282 0
C4963A	yellow	83	10	363.2 x 279.4 x 139.7 mm	2.4 kg	1 00 25184-25283 7
C4964A	light cyan	83	10	363.2 x 279.4 x 139.7 mm	2.4 kg	1 00 25184-25284 4
C4965A	light magenta	83	10	363.2 x 279.4 x 139.7 mm	2.4 kg	1 00 25184-25285 1

### hp no. 83 printhead and cleaner pallet

product	colour	selection no.	qty.	dimensions (LxWxH)	weight	ITF14 codes
C4960A	black	83	1100	1112.5 x 1000.8 x 1409.7 mm	290.3 kg	2 00 25184-25280 3
C4961A	cyan	83	1100	1112.5 x 1000.8 x 1409.7 mm	290.3 kg	2 00 25184-25281 0
C4962A	magenta	83	1100	1112.5 x 1000.8 x 1409.7 mm	290.3 kg	2 00 25184-25282 7
C4963A	yellow	83	1100	1112.5 x 1000.8 x 1409.7 mm	290.3 kg	2 00 25184-25283 4
C4964A	light cyan	83	1100	1112.5 x 1000.8 x 1409.7 mm	290.3 kg	2 00 25184-25284 1
C4965A	light magenta	83	1100	1112.5 x 1000.8 x 1409.7 mm	290.3 kg	2 00 25184-25285 8

## hp no. 83 value pack product specifications

### hp no. 83 ink cartridge, printhead and cleaner package

product	colour	volume	US list price	selection no.	qty.	dimensions (LxWxH)	weight	UPC codes
C5000A	black	680 + 13 ml	TBD	83	1	320 x 114.3 x 88.9 mm	1.18 kg	0 25184-25286 1
C5001A	cyan	680 + 13 ml	TBD	83	1	320 x 114.3 x 88.9 mm	1.18 kg	0 25184-25287 8
C5002A	magenta	680 + 13 ml	TBD	83	1	320 x 114.3 x 88.9 mm	1.18 kg	0 25184-25288 5
C5003A	yellow	680 + 13 ml	TBD	83	1	320 x 114.3 x 88.9 mm	1.18 kg	0 25184-25289 2
C5004A	light cyan	680 + 13 ml	TBD	83	1	320 x 114.3 x 88.9 mm	1.18 kg	0 25184-25290 8
C5005A	light magenta	680 + 13 ml	TBD	83	1	320 x 114.3 x 88.9 mm	1.18 kg	0 25184-25291 5

## hp no. 83 value pack product specifications

### hp no. 83 ink cartridge, printhead and cleaner master carton

product	colour	selection no.	qty.	dimensions (LxWxH)	weight	ITF-14 codes
C5000A	black	83	5	485.1 x 340.3 x 147.3 mm	6.8 kg	1 00 25184-25286 8
C5001A	cyan	83	5	485.1 x 340.3 x 147.3 mm	6.8 kg	1 00 25184-25287 5
C5002A	magenta	83	5	485.1 x 340.3 x 147.3 mm	6.8 kg	1 00 25184-25288 2
C5003A	yellow	83	5	485.1 x 340.3 x 147.3 mm	6.8 kg	1 00 25184-25289 9
C5004A	light cyan	83	5	485.1 x 340.3 x 147.3 mm	6.8 kg	1 00 25184-25290 5
C5005A	light magenta	83	5	485.1 x 340.3 x 147.3 mm	6.8 kg	1 00 25184-25291 2

### hp no. 83 ink cartridge, printhead and cleaner pallet

product	colour	selection no.	qty.	dimensions (LxWxH)	weight	ITF-14 codes
C5000A	black	83	360	1219.2 x 1016 x 127 mm	512.6 kg	2 00 25184-25286 5
C5001A	cyan	83	360	1219.2 x 1016 x 127 mm	512.6 kg	2 00 25184-25287 2
C5002A	magenta	83	360	1219.2 x 1016 x 127 mm	512.6 kg	2 00 25184-25288 9
C5003A	yellow	83	360	1219.2 x 1016 x 127 mm	512.6 kg	2 00 25184-25289 6
C5004A	light cyan	83	360	1219.2 x 1016 x 127 mm	512.6 kg	2 00 25184-25290 2
C5005A	light magenta	83	360	1219.2 x 1016 x 127 mm	512.6 kg	2 00 25184-25291 9

specifications subject to change

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