Panasonic
ideas for life

Panasonic
KV-S5055C

ToughFeed
Innovative Paper Feed Mechanism

- Stapled Document Detection
- Ultrasonic Double-Feed Detection
- Superior Roller Mechanisms

· Mixed Document Feeding
· Long Paper Mode
· 90 ppm / 180 ipm*
  * A4, Landscape, 200 dpi, Binary/Colour
· High-Volume, 200-page ADF

· Self Cleaning Functions
  - Ionizer **NEW**
  - Scanning Glass Cleaning Brush **NEW**

KV-S5055C

KV-SS080
[Optional Flatbed Scanner]

Colour

Boost Your Business Efficiency with an A3-Size Compatible, High-Speed, Fast-Feeding Scanner

The fast 90-ppm* scan speed and 200-page ADF (Automatic Document Feeder) of the KV-S5055C make it ideal for both large-volume scanning and dispersed input. ToughFeed, Panasonic's unique paper feed mechanism, also minimises the possibility of damaging important documents and ensures precise feeding to make your office work even more efficient.

* A4, Landscape, 200 dpi, Binary/Colour.

ToughFeed Innovative Paper Feed Mechanism

Preventing Damage to the Scanning Glass
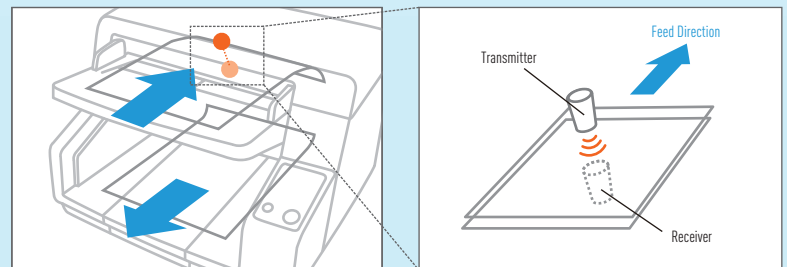### Stapled Document Detection

Multiple sensors are used to detect various types of stapled documents, and to immediately stop the scanner when stapling is detected. This minimises damage to both the document and the optical glass.

Any lifting of the document is detected.

Corner Staple

Side Staple
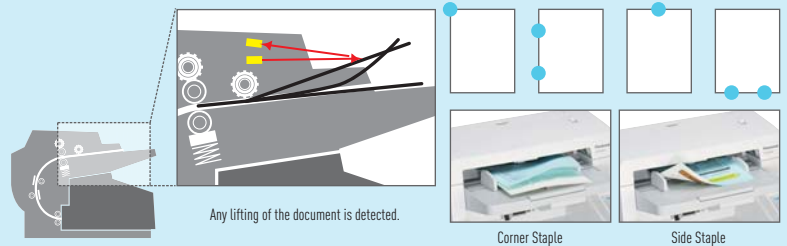
Staples are quickly and accurately detected, to minimise damage to the optical glass and the document.

Accurate Scanning
Ultrasonic Double-Feed Detection

The KV-S5055C is equipped with an ultrasonic sensor, which accurately detects double-feeding even when scanning documents of various thicknesses. When detected, the ultrasonic sensor prevents double-feeding by immediately stopping the scanning process.

Feed Direction

Transmitter

Receiver

The sensor detect double-feeding and stops the scanner immediately.

The high-performance sensor catches even subtle changes.

Precise Feeding
Superior Roller Mechanisms

The paper feed rollers separate from the paper each time a sheet is fed, so the tendency to double-feed caused by the paper feed roller pressure is reduced, even when feeding paper of different thicknesses. Any paper sliding is also detected and the double feed prevention roller pressure is adjusted to prevent the paper from slipping and jamming.

Separation Roller

Paper Feed Roller

The paper feed roller separates from the paper each time a sheet is fed.

Double Feed Prevention Roller

When paper sliding is detected, the double feed prevention roller pressure is increased.
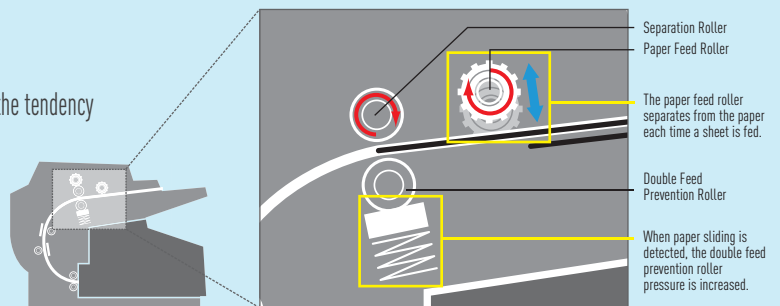
Double Feed Skip (DFS) Key NEW

Should a scan operation stop due to the detection of double-feeding, simply press the DFS key to resume scanning. This is convenient when you don't want scanning to stop due to documents with things like receipts or sticky notes attached, or envelopes.

Documents for Which Scanning Shouldn't Be Stopped Even When Double-Feeding Is Detected

Envelopes

Documents with Sticky Notes Attached

Image Capture Plus Enables Versatile Image Processing

Image Capture Plus is an application that transfers image data scanned by a Panasonic high-speed document scanner to a PC in the form of an image file. This software lets you edit scanned pages (switch pages, delete pages, etc.) intuitively using thumbnail images. It also allows you to make various settings to facilitate complex scanning processes and serves as a powerful tool for efficiently processing routine business work, such as filing.
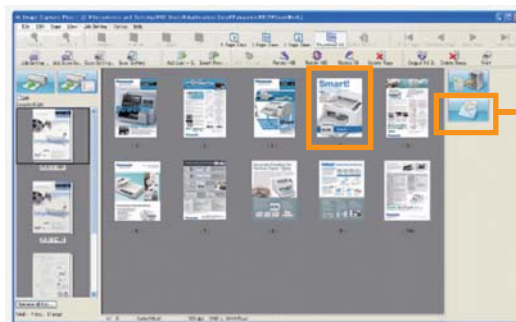
Intuitive Operation

Scanned images can be displayed page by page in a thumbnail list. Pages can be easily moved and their positions switched by dragging and dropping the thumbnails of the pages.

Moving pages within a document
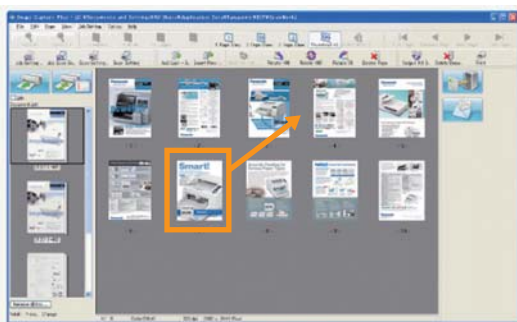
Use the mouse to drag the page to the position where you want to move it.

The page will move to the position that you dragged it to.

E-mail Attachment

Scanned data can be directly attached to an e-mail with a single click of a button, for greater efficiency.

Easy-to-Use Data Formats

Images can be saved in various data formats, such as PDF, JPEG, TIFF and Bitmap. Scanned data can be moved and saved in a selected folder all at once. Plus, PDF data and text-searchable data can be generated.
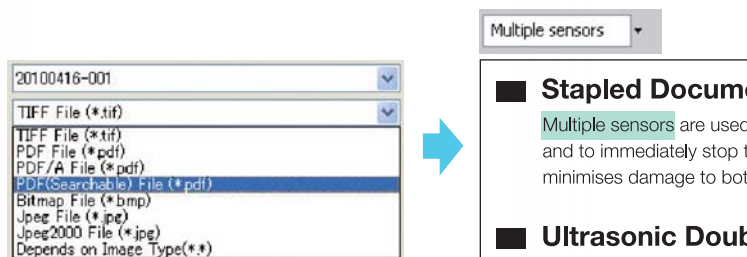
Select PDF (Searchable).

Text-searchable data is generated.

PreScan

In the preview window, you can confirm what the scanned image will look like under the current scan settings. You can make fine adjustments to brightness, contrast and other parameters while looking at the final result, and then save the desired scan settings. This boosts work efficiency by preventing wasted scans.
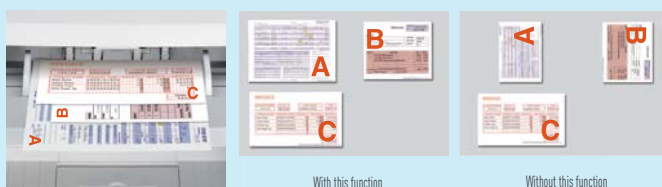

A Wealth of Image Processing Functions

No more worries about the document's direction
Automatic Image Orientation

Even when documents are set in different directions, this function detects the direction of the scanned text in documents and automatically rotates it into the correct direction.


With this function
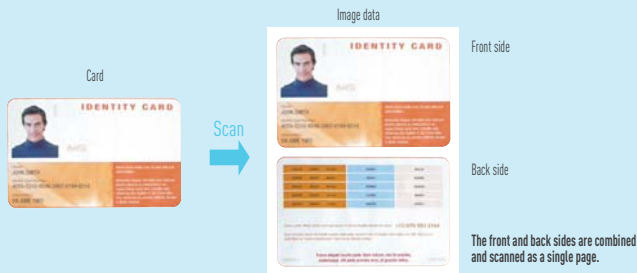
Without this function

No more need to pre-sort documents
Automatic Binary/ Colour Distinction

Automatic Binary/ Colour Distinction allows the scanner to recognise colour and black and white pages. This feature reduces scan to file size while promoting a more efficient scanning process.
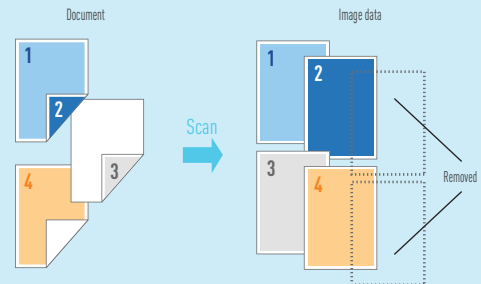

Document

Image data

Scan

Front

Back

Colour data

Black and White binary data
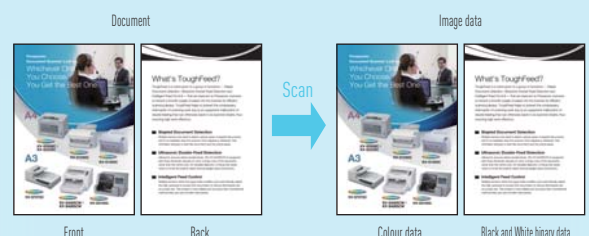
Two-in-one convenience
Double Exposure

Double Exposure automatically scans then saves two-sided documents into a single-page file. It is highly effective for documents printed on both sides, such as checks, stock certificates, post cards, and business cards.

Image data

Card

Scan

Front side

Back side

The front and back sides are combined and scanned as a single page.

You can convert only the desired pages into electronic form
Blank Page Removal

When scanning a set of documents that contains both single-sided and double-sided sheets, this function automatically skips over the blank sides.

Document

Image data

Scan

Removed

Eliminates post-processing
Automatic Crop and De-Skew

When you scan documents of mixed size, the documents are automatically cropped and stored in the appropriate size. Also, skewed documents are automatically straightened when they are scanned.

Automatic Crop

Without this function

With this function

Automatic De-Skew

Without this function

With this function
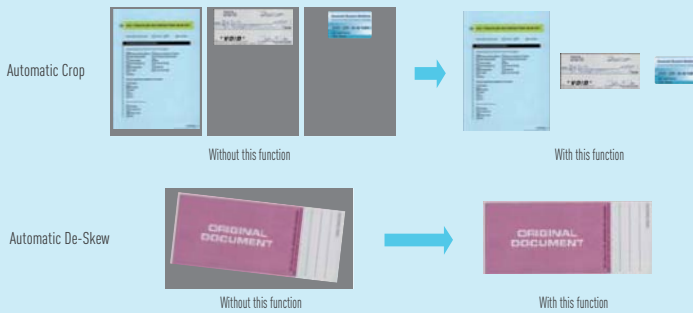
Single pass for dual output
Multi Stream

The Multistream function enables a single scan to be saved as two separate formats simultaneously. For example the document will be saved in monochrome (B/W) for OCR and archival purposes, and saved as a full colour image for short term on-screen retrieval.
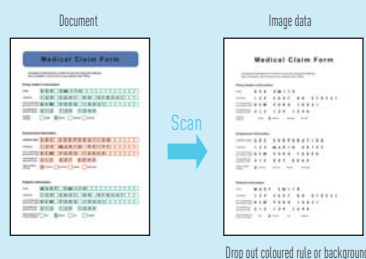
Document

Image data

B/W

Colour

Scan

&

Two separate image formats are simultaneously saved from a single scan.
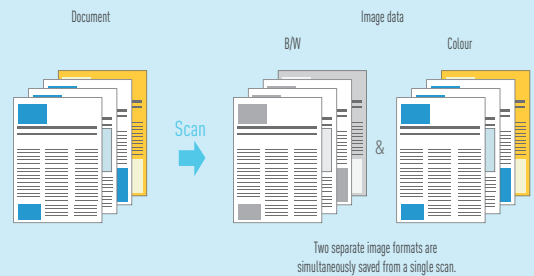
Excellent readability and accuracy
Dynamic Threshold

With the Dynamic Threshold function, the background density and colour are automatically detected section by section, and the scan setting (brightness control) is automatically adjusted to ensure sharp scanning of both text and images.

Document

Scan

Image data

Scan without background
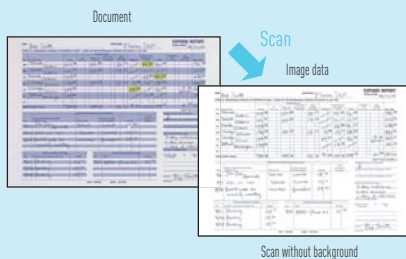
Convenient for OCR processing
Multi Colour Dropout

Any of up to three specific colour ranges on the document can be selected as a dropout colour. This function, when used in form processing applications, can greatly improve OCR performance and accuracy, resulting in increased productivity and potential cost savings.
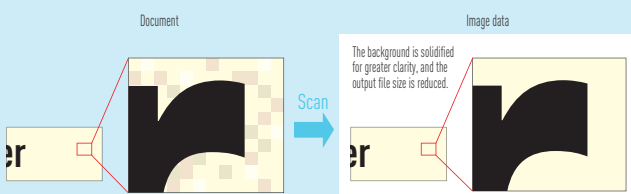
Document

Image data

Scan

Drop out coloured rule or background

Punch holes from the document are removed from the image
Hole Removal

The Hole Removal function removes the punch hole marks from the scanned image. Round or square black shapes around the edges are replaced with the colour closest to the document.

Scan

Hole Removed
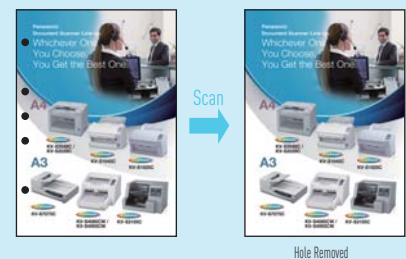
No more fuzzy backgrounds
Smooth Background

The Smooth Background function analyses images while scanning for background colour content, and outputs the images with the background colour solidified. This increases viewing clarity and reduces JPEG output file size.

Document

Image data

Scan

The background is solidified for greater clarity, and the output file size is reduced.

Easily get the data you need from each page
2-Page Separation

2-Page Separation automatically divides the single image into two single sheets. Dividing scanned documents saves time and trouble because it makes complex editing operations unnecessary.

Document

Image data

Scan

1st page

2nd page
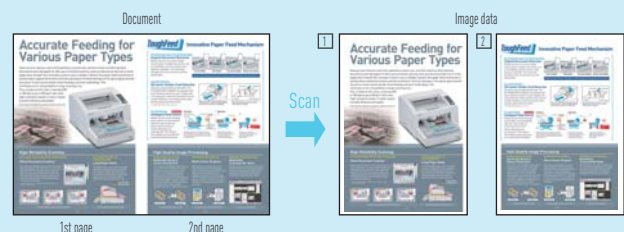
Self Cleaning Functions

Ionizer **NEW**

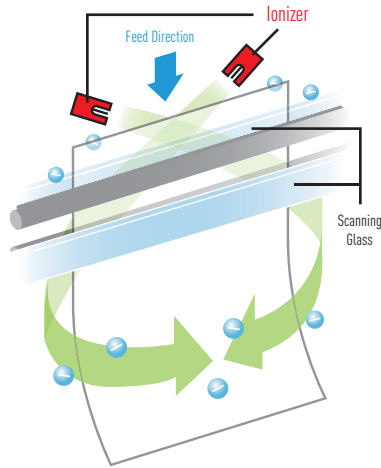The ion-filled breeze created by the ionizer neutralises the electrical charge on the documents to be scanned, and reduces the amount of paper dust that clings to their surface. This ion-filled breeze also flows through the paper path and removes paper dust from the scanning glass to reduce the need for the user to clean the glass.

Ionizer

Feed Direction

Ionizer

Scanning Glass

## Scanning Glass Cleaning Brush **NEW**

The brush directly cleans the scanning glass to further prevent paper dust. This eliminates the need for maintenance and ensures comfortable scanning operations.

Scanning Glass Cleaning Brush

Scanning Glass
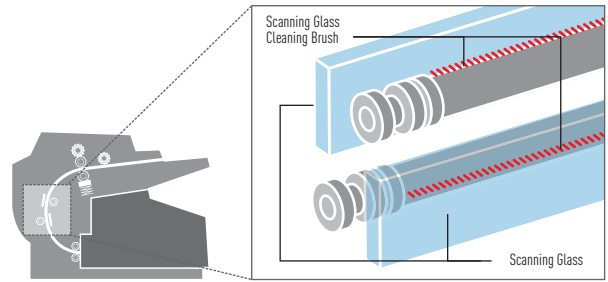
High-Reliability Scanning

Accurately Feeds Various Sized Documents
Mixed Document Feeding

Documents with different sizes and thicknesses can all be fed together. They can be set in centre, left, or right alignment. By using left or right single-side alignment, there is no more need to spend time organising documents according to their size, so scanning is fast and easy. This function greatly increases work efficiency.

Left alignment

Centre alignment

Setting Position

Right alignment
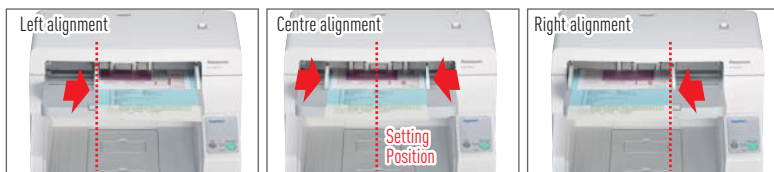
The scanner feeds accurately, regardless of alignment.

High-Speed Scanning of Sheets up to 100 feet Long
Long Paper Mode

The highly reliable paper feed mechanism quickly and stably scans long documents. This function boosts work efficiency by smoothly scanning long documents like continuous business forms or electrocardiograms.

Raises filing efficiency
Pre-Imprinter

The pre-imprinter prints text (date and/or number) onto the surface of a document before its image is scanned, so the text data is included in the scanned image data. This improves filing efficiency.

Print : 0000001

Scan

Scanned documents
Text is printed on the surface of the document

Image data
Text is included in the image data

Optional Flatbed Scanner

Easily Scan Documents and Booklets
Single User Interface

By selectively using the KV-S5055C and the optional KV-SS080,* you can easily scan documents and booklets, and save them in the same document.

*To operate the KV-SS080, the KV-S5055C is required.
 The KV-SS080 does not operate as a standalone unit.

Save Time by Reducing the Number of Scans
Multi-Crop

Place various sized documents on the flatbed and scan them all at once, then crop whatever parts you need. This is convenient for scanning multiple business cards and thick documents.

ABCDEF GHIJKL
000-000-0000

Place on Flatbed

ABCDEF GHIJKL
000-000-0000
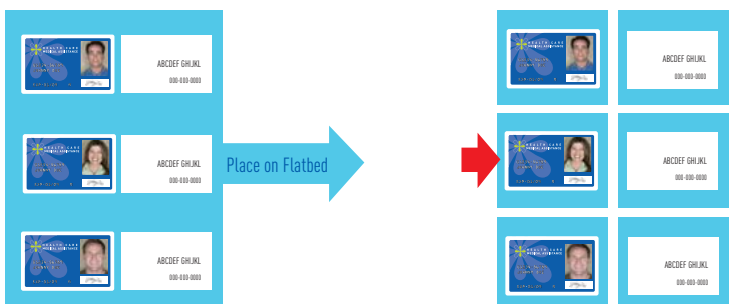
Easy Maintenance

The clamshell design allows full, easy access to the entire paper path, so you can clear paper jams, clean the unit, or replace a roller easily without having to call a service technician.

Rollers are easy to replace.

High-Volume ADF

The ADF (Automatic Document Feeder) holds up to 200 sheets of paper to allow continuous scanning of large document runs.

KV-S5055C Specifications

Scanning Face			Duplex
Scanning Method			Front side: CCD (600 dpi)
			Back side: CCD (600 dpi)
			Selectable black and white background reference
Scanning Speed *1	Binary / Colour A4 size 200 dpi	Simplex	Up to 70 ppm (Portrait)
			Up to 90 ppm (Landscape)
		Duplex	Up to 140 ipm (Portrait)
			Up to 180 ipm (Landscape)
	Binary / Colour A4 size 300 dpi	Simplex	Up to 50 ppm (Portrait)
			Up to 60 ppm (Landscape)
		Duplex	Up to 100 ipm (Portrait)
			Up to 120 ipm (Landscape)
Resolution			100 – 600 dpi (1 dpi step), Optical: 600 dpi (Main and Sub feeding directions)
Detection			Ultrasonic double feed detection (1 position),
			Stapled document detection
Compression			JPEG (colour, greyscale)
Tonal Gradation			Binary, Greyscale (8 bit), Colour,
			MultiStream : Binary & Greyscale, Binary & Colour
Binary Mode Halftone			Dither, Error diffusion
Image Control			Image emphasis, Dynamic threshold,
			Automatic separation, Invert,
			White level from paper
Other Functions			Length control, Barcode detection (ISIS), Patch code detection,
			Automatic separation, Control sheet, Long paper mode
Maximum Image Size			305 x 2,540 mm (12.01 x 100 in.)
Paper *2	Size	Minimum	48 x 70 mm (1.9 x 2.75 in.)
		Maximum	297 x 432 mm (11.7 x 17 in.)
	Thickness		0.04 - 0.2 mm (1.6 - 7.9 mils)
			Note: 1 mil = 0.001 in.
	Weight		20 - 157 g/m² (5 - 42 lbs.)
Hopper Capacity			Up to 200 sheets (75 g/m², 20 lbs.) New paper
Interface			USB 2.0
Power Requirement			AC 100 – 120 V, 50/60 Hz
			AC 220 – 240 V, 50/60 Hz
Power Consumption	Maximum (Scanning)		0.5 A (220 - 240 V), 1.0 A (100 - 120 V)
	Minimum (Standby)		0.2 A (220 - 240 V), 0.4 A (100 - 120 V)
	Sleep mode		3.5 W or less (220 - 240 V, 100 - 120 V)
Operating Environment	Temperature		15 - 30 °C (59 - 86 °F)
	Humidity		20 - 80 % RH
Storage Environment	Temperature		0 - 40 °C (32 - 104 °F)
	Humidity		10 - 80 % RH
External Dimensions *3 (W x D x H)			468 x 444 x 339 mm
			(18.5 x 17.5 x 13.4 in.)
Weight *3			18 kg (40 lbs.)
Accessories			CD ROM : Device driver, Operation manual, Installation manual, Control data sheet, Image Capture Plus software, ISIS®/ TWAIN driver software, User utility software, Quick Scan Pro (DEMO)
			Installation manual, Power cord, Roller cleaning paper, Shading paper, USB cable (2.4 m) & Blower
Options	Roller exchange kit		KV-SS039 (Paper feed roller module, Double feed prevention roller)
	Roller cleaning paper		KV-SS03
	Imprinter unit (Pre)		KV-SS014
	Ink cartridge		KV-SS021
	Flatbed Scanner		KV-SS080

Optional Flatbed Scanner KV-SS080 Specifications

Scanning Type		Flatbed
Scanning Method		CCD
Scanning Resolution		100 - 600 dpi (1 dpi step)
Scanning Speed*1 A4 size 200 dpi		3.6 sec. (Binary and Colour)
Paper Size		Maximum 216 x 297 mm (8.5 x 11.7 in.)
Interface		USB 2.0
Power Requirement		AC 100 - 240 V, 50/60 Hz
Power Consumption	Scanning	0.2 A (200 - 240 V), 0.35 A (100 - 120 V)
	Standby	0.15 A (200 - 240 V), 0.25 A (100 - 120 V)
	Sleep mode	3.5 W or less (200 - 240 V, 100 - 120 V)
Operating Environment	Temperature	15 - 30 °C (59 - 86 °F)
	Humidity	30 - 80 % RH
Storage Environment	Temperature	0 - 35 °C (32 - 95 °F)
	Humidity	10 - 80 % RH
Dimensions*3 (W x D x H)		287 x 518 x 83.5 mm (11.3 x 20.4 x 3.3 in.)
Weight*3		3.4 kg (7.5 lbs.)
Accessories		CD-ROM: Operating manual
		AC adaptor, Power cord, USB cable

*1 The scanning speed differs depending on the host computer, the operating system, the application, the measuring method, the quantity of data in the image, and the paper type. The scanning speed depends on a measuring method of Panasonic.
*2 "Weight in pounds" of paper represents the weight of 500 sheets (432 x 559 mm / 17 x 22 in.). Scan quality cannot be guaranteed for documents with a non-standard size.
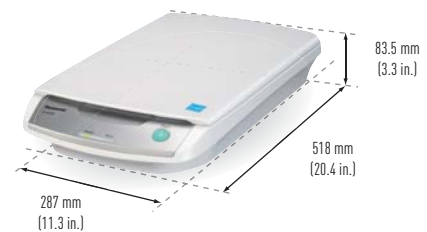*3 Dimensions and weights are approximate.

Dimensions

KV-S5055C

339 mm (13.4 in.)
444 mm (17.5 in.)
468 mm (18.5 in.)

KV-SS080

83.5 mm (3.3 in.)
518 mm (20.4 in.)
287 mm (11.3 in.)

Roller exchange kit KV-SS039	Roller cleaning paper KV-SS03	Imprinter unit (Pre) KV-SS014	Ink cartridge KV-SS021

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