

Panasonic

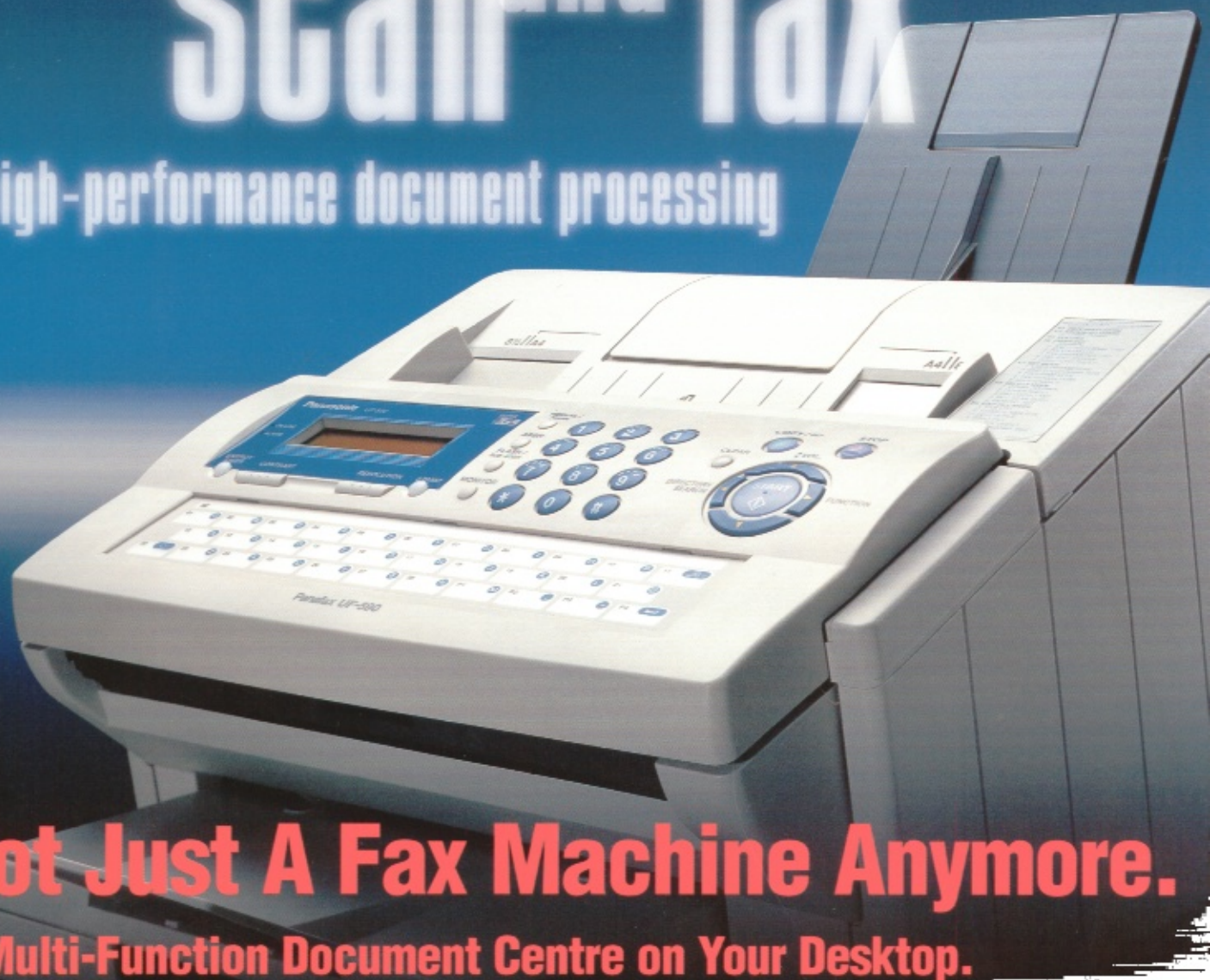
Plain Paper Laser Fax

Panafax UF-590



print, scan and fax

high-performance document processing



Not Just A Fax Machine Anymore. A Multi-Function Document Centre on Your Desktop.

- 3-Second Super G3 Transmission
- Quick Memory Transmission
- High-Quality 600 x 600 dpi Laser Printer
- TWAIN-compatible 400 dpi Image Scanner
- Document Manager & PC-Fax Software

Scan It, Fax It, Or Even Email It.

— Efficient Paper Document Processing.

Built on a solid foundation of superior fax performance and reliability, the UF-590's versatile PC connectivity makes it much more than just a fax. Equipped with powerful fax capabilities that rival those of high-end faxes, the UF-590's true power is revealed when you connect it to a PC. Right away, you'll have a convenient, easy-to-use image scanner that can convert any paper document into PC image data that you can store on your computer or even attach to an e-mail message. Best of all, it's easy to use.

The Panafax UF-590 — The Paper Document Processor with the digital edge.

True Business-Quality Fax Transmission

High-speed Scanning

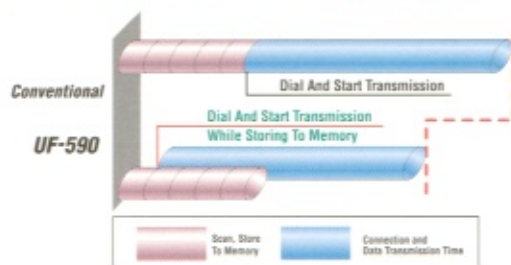
Built for true business-level faxing, the UF-590 scans documents quickly at a rate of **3 seconds per page**. In combination with the **30-sheet automatic document feeder**, this makes it possible for you to fax a multi-page document at the touch of a button without having to wait around. Even if you have several high-volume jobs at once, you still don't have to wait around. The UF-590's standard high-capacity flash memory can store **up to 120 pages***.

* Max. 760 pages with optional memory.



High-speed Transmission

As soon as the first page of a document set has been scanned, the UF-590 starts dialling. **Quick Memory Transmission** immediately transmits the scanned data to the destination. Fully compliant with the ITU-T V.34 standard, the UF-590's **33.6 kbps Super G3 fax** modem transmits a full-page image as few as 3 seconds. Even better, if you're communicating with another Panafax, exclusive **Super Quick Handshaking** kicks in, dramatically reducing the actual time required for the two faxes to exchange information.



Print It, Scan-to-File It, or even Scan-to-Email It.

Print It from a PC — 600 dpi Laser Printer

With the UF-590, convenient PC-linked features are available right away via a **built-in parallel interface** and the provided PC software. Just install the printer driver on your computer and you can use the UF-590 as a high-quality **600 x 600 dpi laser printer** †.

Even E-mail It

— Document Manager & PC-Fax

The Document Manager software makes it easy to send documents via e-mail — just attach them directly to e-mail messages with simple “drag & drop” operation (**Scan-to-E-mail**). And, with the provided **Panafax Desktop software** †, you can send a fax directly from your PC via the UF-590 without having to print it out.

† Compatible with Windows® 2000/98/Me/XP or Windows NT® 4.0

Scan It to PC — TWAIN Image Scanner

The UF-590 can also function as a **TWAIN-compatible 400 dpi image scanner**, allowing you to easily convert paper documents into PC data (**Scan-to-File**). Using the provided **Document Manager software** †, scanned documents can be efficiently managed, edited and even shared by network PCs.



The smart way to manage document workflow

From input to output, from editing to file sharing, Document Manager software streamlines all your document management tasks with simple “drag & drop” operation.

Energy Savings & Reliability

Ultra-Low Power Consumption



Thanks to our Energy Saver technology, the UF-590's power consumption has been reduced to a mere 2.4 Wh in the Low Power mode.

As an ENERGY STAR® Partner, Panasonic has determined that this product meets the ENERGY STAR® guidelines for energy efficiency.

Extended Reliability



With **Check & Call***, the UF-590 automatically reports low toner status and certain mechanical problems to a service centre, while the **Remote Diagnostic System*** enables our expert technicians to quickly locate any problems via a telephone line and provide you with a solution.

* Not available in some countries

And More...

- **Multi-Tasking Capability**
You can transmit a fax from memory and print out a PC document at the same time.
- **132-Station Autodialler**
The provided software allows you to easily edit telephone numbers and ID names for autodialling.
- **64-Level Halftone**
- **Panasonic Super Smoothing**
- **250-Sheet Paper Capacity Expandable to 500 Sheets**
- **Verification Stamp**



Features

- Auto Dialler
- One-touch: up to 32 stations
- Abbreviated: up to 100 stations
- Digit of Telephone number (up to 36 digits)
- Programme keys (up to 4 Programmes)
- Multi-Tasking Operation
- Directory Search Dialling
- Directory Sheet Print
- Intelligent Redial
- Chain Dialling
- Distinctive Ring Detector (DRD)*²
- Quick Memory Transmission
- Multi-station Transmission (up to 144 stations)
- Automatic Memory Retransmission
- Deferred Transmission
- Deferred Multi-station Transmission
- Priority Direct Transmission
- Edit File Mode with View Mode
- Automatic Cover Sheet
- Receive to Memory
- Substitute Reception
- Selective Reception
- Number of memory job files (Max. 10 files)
- Fax Forward
- Polling / Multi-station Polling
- Deferred Polling/Deferred Multi-Station Polling
- Memory Polling Transmission (1 file)
- Confidential Mail Box *¹
- Password Transmission/Reception *¹

- ITU-T Sub-address Transmission
- Panasonic Super Smoothing (Fax/Copy)
- 64-Level Halftone
- Automatic/Fixed Reduction
- Overlapping Print
- Collation Stack
- Verification Stamp
- Communication Journal with image data
- Header/Total Page Print
- Transaction Journal with view mode
- Fax Access Code (Fax Lock)
- PIN Code Access*²
- Fax/Tel Auto Switch
- External TAM Interface
- Remote Reception*²
- Multi-Purpose LCD Display (20 x 2 lines)
- Multiple Copy with Sorting (up to 99 copies)
- Reduction Copy
- Energy Saver
- Remote Diagnostic*²
- Check & Call Function*²

- Printer Interface
- Scanner Interface
- Class 2 Modem Interface
- PC-Fax software
- Document Manager
- Document Viewer with Annotation Function
- Phone Book Editor
- Configuration Editor
- Status Monitor

Control Panel



Options

- 250-sheet Universal Paper Feed Unit (UE-409070)
- 2-/4-/8 MB Flash Memory Cards (UE-410046/UE-410047/UE-410048)
- Handset Kit (UE-403176)*²

Consumable

- All-In-One Toner Cartridge (toner/developer/drum) (UG-3350) 7,500-page Toner *³

Dimensions



UF-590 Specifications

Compatibility	ITU-T Group 3, ECM
Modem Speed	33,600 - 2,400 bps with automatic fallback
Coding Scheme	MH/MR/MMR
Transmission Speed	Approx. 3 seconds / page* ⁵
Document Size	Max. 257 mm x 2000 mm (with operator's assistance) Min. 148 mm x 128 mm
Effective Scanning Width	208 mm
Automatic Document Feeder	30 sheets
Document Thickness	Single sheet: 0.06 - 0.15 mm Multi-sheet: 0.06 - 0.10 mm
Scanning Resolution (Fax)	Standard: 8 dots/mm x 3.85 lines/mm (203 dots/inch x 98 lines/inch) Fine: 8 dots/mm x 7.7 lines/mm (203 dots/inch x 196 lines/inch) Super Fine: 8 dots/mm x 15.4 lines/mm (203 dots/inch x 391 lines/inch) 16 dots/mm x 15.4 lines/mm* ⁶ (406 dots/inch x 391 lines/inch)
Scanning Speed	Approx. 3 second/page (A4, Standard mode)* ⁷
Recording Method	Laser printing on plain paper
Recording Speed* ⁴	Approx. 6 pages per minute (A4 size)
Recording Paper Size	A4 / Letter / Legal, cut-sheet on plain paper
Effective Recording Width	202 mm (A4)
Recording Paper Capacity	250 sheets (using 75 g/m ² paper) With optional cassette: Approx. 500 sheets max.total
Recording Resolution	Fax / Copy 406 dots/inch x 391 dots/inch Printer 600 dots/inch x 600 dots/inch
Image Memory Capacity	Approx. 120 pages* ⁸
Optional Memory Card	Base Memory plus approx. 160/320/640 pages* ⁸
Printer / Scanner Interface	Bi-directional Parallel (IEEE1284)
Scanner Driver	TWAIN
Scanning Resolution (PC)	400 dots/inch x 400 dots/inch* ⁶
Power Requirements	198 - 255 V AC 47 - 63 Hz Single phase
Power Consumption	Standby (Sleep Mode : On): 2.4 Wh Max.: Approx. 490 W
Dimensions (W x D x H)	370 mm x 474 mm x 250 mm* ⁹
Weight	9.0 kg* ⁹ (Excluding consumable supplies and optional equipment)

*¹ Panafax proprietary features work only with selected Panafax machines.

*² Not available in some countries.

*³ Based on ITU-T Image No. 1 scanned in multiple copy mode. Yield may vary according to operating conditions and environment where the machine is installed.

*⁴ In multiple copy mode excluding the first copy.

*⁵ Transmission time applies to memory transmission of text data using only ITU-T Image No. 1 between the same models at maximum modem speed. Transmission time may vary in actual usage. Usually public telephone lines can only support communications speeds of 28.8 kbps or lower. Via PBX, transmission speed may fall back to a lower speed.

*⁶ Interpolated resolution (Optical Resolution: 8 dots/mm x 15.4 lines/mm)

*⁷ Scanning speed applies to the feeding process from the top to the end of a single page test chart. The time for the feeding process does not include the time that it takes for the top edge of the page to reach the scanning point and page ejection. Time for entire storing process is not applied.

*⁸ Based on ITU-T Image No. 1 scanned in Standard mode.

*⁹ Dimensions and weight are approximate.

Super G3 is the classification given to a type of facsimile that conforms to the 33.6 kbps transmission method standardised in accordance with the ITU-T V.34 recommendation. Windows and Windows NT are registered trademarks of Microsoft Corporation.

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Design and specifications are subject to change without notice.

ISO 9001 Quality Management System

Every aspect of Matsushita Graphic Communication Systems, Inc. (MGCS)'s office information equipment business processes, from manufacturing to marketing, conforms to ISO (International Organisation for Standardisation) 9001 quality management system standard.

Design, development, manufacture, installation, repair and maintenance of office information equipment, their associated devices and consumables.



In addition, MGCS's plants outside Japan have acquired ISO 9002 certification.

Panasonic

Panasonic and National are the brandnames of Matsushita Electric.

Matsushita Electric Industrial Co., Ltd.
Matsushita Graphic Communication Systems, Inc.