

# WORKIO™

DIGITAL IMAGING SYSTEMS

## 150

# Panasonic

DP-150  
DP-150A  
DP-150PA  
DP-150FX



## Centralized Document Management Solution



**pdms**

- PDMS (Panasonic Document Management System) Software
- Lightweight, Space-Saving Desktop Size
- Fast 15 ppm/cpm Speed
- 600 x 600 dpi Copying/Printing Resolution

# All You Need to Launch Your Office into the Digital Age

Panasonic is ushering in the millennium with a revolutionary concept in document processing. Introducing WORKiO 150—a series of new-generation imaging systems born from the convergence of cutting-edge digital technologies, combined with the unrivaled manufacturing expertise and vast accumulated experience of an electronics leader.

WORKiO 150 systems centralize office imaging tasks, acting as interfaces between hard documents and transmittable, storable electronic data. Depending on the specific WORKiO 150 model you choose, it can integrate the functions of a digital copier with the communications capa-

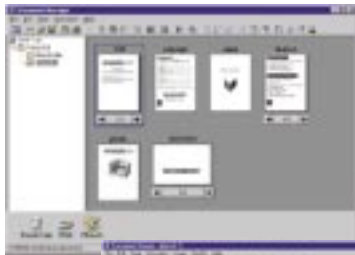
bilities of a state-of-the-art Super G3 fax. Hooked up to your personal computer, it becomes a professional-quality laser printer, plus a high-resolution scanner. And to control all these advanced functions, top-of-the-line WORKiO 150 systems come bundled with PDMS (Panasonic Document Management System) software for easy editing and annotation.



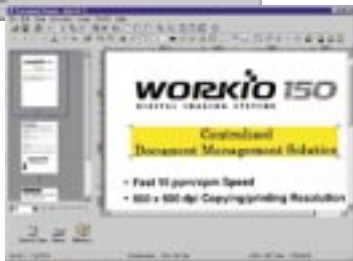
# The Compact, All-In-One Do

## **pdms** Panasonic Document Management System

Bundled PDMS (Panasonic Document Management System) software<sup>1</sup> lets you view scanned documents in thumbnail type



displays, and allows easy editing and annotation. When you scan a document from the DP-150PA or DP-150FX into your PC, PDMS converts it into image data (compatible with



TIFF, JPEG, BMP and PNG formats). You can then drag-and-drop the icons for editing or annotation. You can also drag-and-drop

the icons to buttons on the toolbar which allow you to link to printing or other applications.



### 15 Copies-Per-Minute Speed

Thanks to a high-speed digital image processing system and newly designed shorter paper feed path, WORKiO 150 models can produce up to 15 copies per minute.

### Clear 600 x 600 dpi Resolution, 256-Level Gray Scale

Using full digital processing and a laser-beam diode to maintain high-stability image reproduction, as well as quick exposure operation, WORKiO 150 models deliver 600 dpi printout resolution for extremely sharp, crisp copies. Even halftone photo originals can be reproduced with maximum clarity thanks to 256-level halftone digital gray scale circuitry.

### 2-IN-1 Paper Saving Function

This unique function helps reduce paper usage by allowing you to automatically fit two reduced-size originals on a single copy page.

### 2-Sided Copying

To further eliminate paper waste and cut down on document volume, the DP-150FX lets you copy on both sides of a letter-size page.

### Digital Sky Shot

Panasonic's unique Digital Sky Shot, available on the DP-150A, DP-150PA and DP-150FX, allows you to make copies of small or odd-shaped originals with the platen cover open, without creating a surrounding black background.



### Electronic Sorting Output

Electronic sorting allows easy collating and sorting without adding an extra multi-bin sorter unit.

### 30-Sheet Automatic Document Feeder



You can load an ADF-equipped WORKiO with legal-size or letter-size documents up to 30 pages long for automatic feeding and scanning.



### 600 dpi High Scanning Resolution

Scanning resolution is selectable among 600<sup>2</sup>, 400, 300, 200 and 100 dpi. You can use 100 or 200 dpi scanning when you want to lighten your image data load, and high resolution 600 dpi scanning when you want your ultimate printout to be as sharp and detailed as possible.

### TWAIN Compatible Driver

The scanner driver incorporated into the DP-150PA and DP-150FX is TWAIN compatible to ensure easy connection to your existing PC and its applications.

# Document Processing Solution



## Professional-Quality 600 x 600 dpi Print Resolution

In the printer mode, the DP-150PA and DP-150FX deliver high-resolution 600 x 600 dpi laser printing—assuring smooth, clean, high-quality documents that make your business look its best.

## 2-Sided Printing

The DP-150FX can be set to print on both sides of a letter-size page to conserve paper and reduce document bulk.

## Status Monitor

A status monitor appears on the screen of a connected PC to notify user when the toner cartridge needs replacement, or the paper cassette is empty.



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### 33.6kbps Super G3 Transmission, 3 Seconds-Per-Page Transmission Speed



The DP-150FX's Super G3<sup>3</sup> fax modem uses ITU-T V.34 compliant technology to transfer a high-quality image in as few as three seconds<sup>4</sup>.

### Super-Fine Resolution

During fax communications, the DP-150FX has a scanning resolution equivalent to 400 x 400 dpi, allowing you not only to receive documents transmitted in the Super Fine mode, but to send Super Fine transmissions as well.

### Dual Access Operation

With the DP-150FX, you can receive fax documents even when the machine is already engaged in a copying job.

### 100-Station Autodialer

You can store up to 100 numbers in the DP-150FX's telephone directory for rapid access.

### Remote Diagnostics System

If a problem should occur, the fax-equipped DP-150FX immediately sends an error message via phone lines to a Panasonic service center for quick diagnosis and troubleshooting, minimizing downtime<sup>5</sup>.

### Check & Call Function

Developed in order to ensure a quicker service response, this unique function automatically reports low toner status and certain mechanical problems to a service center<sup>5</sup>.

## Easy, Space Saving and Environmentally Friendly

### Compact, Wingless Design

WORKIO 150 models are amazingly compact and lightweight, sitting easily on the corner of a desk. All feature a unique wingless design that enables documents to collect inside an internal opening, rather than onto a protruding external tray. An easy-to-access front-loading cassette makes replacement of paper simple and quick.



### TONER SAVE Mode

TONER SAVE mode maximizes toner yield and minimizes waste, ensuring extremely stable copy quality over an extended period, while minimizing toner consumption.

### ENERGY SAVER Mode

Thanks to a Super Power Saver function, WORKIO 150 models' power consumption is dramatically reduced in the sleep mode.

WORKIO 150 Series products proudly display the Energy Star label, the symbol for energy efficiency.



*Easy-to-replace toner cartridges boast a long service life of approximately 5,000 pages.*



*A front-loading 250-sheet paper cassette is standard, and an additional 250-sheet cassette is optionally available to expand total paper capacity.*

<sup>1</sup>Recommended PC requirements for PDMS software: PC—IBM PC/AT compatible, faster than Pentium II; RAM—more than 64MB (Windows 95/98), more than 128MB (Windows NT 4.0, Windows 2000).

<sup>2</sup>Interpolated resolution.

<sup>3</sup>Super G3 is the classification given to a type of facsimile that conforms to the 33.6kbps transmission method standardized in accordance with the ITU-T V.34 recommendation.

<sup>4</sup>Transmission time applies to memory transmission of text data using ITU-T Image No. 1 between the same models at modem speeds over 26.4kbps. Transmission time may vary in actual usage.

<sup>5</sup>This service is not available in some areas.



**Choice** With a complete line of WORKiO models to choose from, you can select just the features you need—from the basic essentials to advanced enterprise capabilities.



COPIER

### DP-150 Digital Copier

- Compact, Lightweight Design
- Fast 8.1-Second First Copy, 15 Copies-Per-Minute Speed
- 600 x 600 dpi Copying Resolution, 256-Level Gray Scale
- PHOTO, PHOTO/TEXT Mode Selection
- TONER SAVE Mode
- ENERGY SAVER Mode



COPIER A D F

### DP-150A Digital Copier with ADF

- Compact, Lightweight Design
- Fast 8.3-Second First Copy, 15 Copies-Per-Minute Speed
- 600 x 600 dpi Copying Resolution, 256-Level Gray Scale
- PHOTO, PHOTO/TEXT Mode Selection
- Digital Sky Shot
- Electronic Sorting Output
- 30-Sheet Automatic Document Feeder
- TONER SAVE Mode
- ENERGY SAVER Mode
- Optional 250-Sheet Paper Cassette Available



COPIER A D F SCANNER PRINTER

### DP-150PA Digital Copier with ADF/Scanner/Printer

- Compact, Lightweight Design
- 15 Pages/Copies-Per-Minute Speed
- 600 x 600 dpi Copying/Printing Resolution, 256-Level Gray Scale
- PHOTO, PHOTO/TEXT Mode Selection
- Digital Sky Shot
- Electronic Sorting Output
- 30-Sheet Automatic Document Feeder
- PDMS (Panasonic Document Management System) Software
- TWAIN Compatible Scanner Driver
- TONER SAVE Mode
- ENERGY SAVER Mode
- Optional 250-Sheet Paper Cassette Available



COPIER A D F SCANNER PRINTER F A X

### DP-150FX Digital Copier with ADF/Scanner/Printer/Fax

- Compact, Lightweight Design
- 15 Pages/Copies-Per-Minute Speed
- 600 x 600 dpi Copying/Printing Resolution, 256-Level Gray Scale
- PHOTO, PHOTO/TEXT Mode Selection
- 2-Sided Copying and Printing
- Digital Sky Shot
- Electronic Sorting Output
- 30-Sheet Automatic Document Feeder
- 33.6kbps Super G3 Transmission, 3 Seconds-Per-Page<sup>14</sup> Transmission Speed
- Super-Fine Resolution
- 100-Station Autodialer
- Remote Diagnostics System
- PDMS (Panasonic Document Management System) Software
- TWAIN Compatible Scanner Driver
- Check & Call Function
- TONER SAVE Mode
- ENERGY SAVER Mode
- Optional 250-Sheet Paper Cassette Available



# Superior Performance, Rugged Reliability, Maximum Efficiency



## High Image Quality

The WORKiO 150 Series boasts 600 dpi copying and printing resolution for crisp, high contrast digital quality images.



## Easy to Use

All WORKiO 150 models are amazingly easy to use, with ergonomic front panels that put complete control of their advanced functions at your fingertips.



## Simple Maintenance

Reliability is built in, so you can count on trouble-free operation. Maintenance is amazingly simple and, if a problem should occur, fax-equipped WORKiO 150 models contact a Panasonic service expert all by themselves.



## Space Saving

Because WORKiO 150 lets you replace multiple stand-alone office machines, including copiers, printers, scanners and faxes, with a single compact system, you save office space. All models feature a unique wingless design to fit into the most cramped circumstances.



## Cost Effective

Functioning as all-in-one document processing centers, WORKiO 150 systems ensure maximum cost effectiveness. They're also designed to help you save on your electric bill and toner costs.



## Earth Friendly

WORKiO 150 systems save energy, helping to protect the environment. In addition, their engines have been specially designed to prevent harmful ozone emissions.



## SPECIFICATIONS

### DP-150, DP-150A

<b>Copier</b>	
<b>Copy/Print Process</b>	Laser/Electrostatic Photographic Method
<b>Process</b>	Ultra Magnefine™ Toner
<b>Warm-Up Time</b>	Approx. 20 Seconds (68°F)
<b>First Copy Speed</b>	8.1 Seconds (DP-150), 8.3 Seconds (DP-150A)
<b>Resolution</b>	600 x 600 dpi (Interpolated)
<b>Gray Scale</b>	256 Levels
<b>Multi Copy Speed</b>	15 cpm (Letter Size)
<b>Maximum Original Size</b>	8.5" x 14" (Legal Size)
<b>Maximum Copy Size</b>	Legal
<b>Copy Size</b>	Legal-Invoice Via Paper Tray Legal-Invoice Via Sheet Bypass
<b>Reduction Ratios</b>	Preset: 79%, 65%, 61% Variable: 99%–50% in 1% Increments
<b>Enlargement Ratios</b>	Preset: 129% Variable: 101%–200% in 1% Increments
<b>Paper Feed</b>	250-Sheet Paper Tray Plus 50-Sheet Bypass Max. 300 Sheets (DP-150) Max. 550 Sheets with Optional 250-Sheet Paper Cassette (DP-150A)
<b>Exposure Control</b>	Automatic/Manual Plus Photo Mode
<b>General</b>	
<b>Type</b>	Desktop
<b>Electrical Requirements</b>	AC 120V, 60Hz
<b>Dimensions (W x D x H)</b>	19.5" x 17.2" x 10.7" (DP-150) 19.5" x 18.6" x 15.1" (DP-150A)
<b>Weight</b>	41 lbs (DP-150) 49 lbs (DP-150A)

### DP-150FX

<b>Copier</b>	
<b>Copy/Print Process</b>	Laser/Electrostatic Photographic Method
<b>Process</b>	Ultra Magnefine™ Toner
<b>Warm-Up Time</b>	Approx. 25 Seconds (68°F)
<b>First Copy Speed</b>	8.3 Seconds
<b>Resolution</b>	600 x 600 dpi (Interpolated)
<b>Gray Scale</b>	256 Levels
<b>Multi Copy Speed</b>	15 cpm (Letter Size)
<b>Maximum Original Size</b>	8.5" x 14" (Legal Size)
<b>Maximum Copy Size</b>	Legal
<b>Copy Size</b>	Legal-Invoice Via Paper Tray Legal-Invoice Via Sheet Bypass
<b>Reduction Ratios</b>	Preset: 79%, 65%, 61% Variable: 99%–50% in 1% Increments
<b>Enlargement Ratios</b>	Preset: 129% Variable: 101%–200% in 1% Increments
<b>Paper Feed</b>	250-Sheet Paper Tray Plus 50-Sheet Bypass Max. 550 Sheets with Optional 250-Sheet Paper Cassette
<b>Exposure Control</b>	Automatic/Manual Plus Photo Mode
<b>Printer</b>	
<b>Print Resolution</b>	600 dpi/300 dpi
<b>Print Speed</b>	15 ppm
<b>Operating Systems</b>	Windows 95/98, Windows NT 4.0, Windows 2000
<b>Emulation</b>	Windows GDI
<b>Interface</b>	Bi-Directional Parallel (IEEE 1284, ECP Mode)
<b>Fax</b>	
<b>Compatibility</b>	ITU-T Group 3 (V.34, V8), ECM
<b>Document Size</b>	10.0" x 39.3" Max.
<b>Resolution</b>	400 x 400 dpi
<b>Transmission Speed</b>	Approx. 3 Seconds/Page
<b>Coding Scheme</b>	MH, MR, MMR
<b>Modem Speed</b>	33600/31200/28800/26400/24000/21600/ 19200/16800/14400/12000/9600/7200/4800/ 2400bps with Automatic Fallback
<b>Image Memory Capacity</b>	Approx. 60 Pages (Plus Approx. 120/240* Pages w/ Optional Memory Card)
<b>General</b>	
<b>Type</b>	Desktop
<b>Electrical Requirements</b>	AC 120V, 60Hz
<b>Dimensions (W x D x H)</b>	19.5" x 19.2" x 15.1"
<b>Weight</b>	49.7 lbs

\*Based on ITU-T image No. 1 scanned in Standard mode.

### DP-150PA

<b>Copier</b>	
<b>Copy/Print Process</b>	Laser/Electrostatic Photographic Method
<b>Process</b>	Ultra Magnefine™ Toner
<b>Warm-Up Time</b>	Approx. 20 Seconds (68°F)
<b>First Copy Speed</b>	8.3 Seconds
<b>Resolution</b>	600 x 600 dpi (Interpolated)
<b>Gray Scale</b>	256 Levels
<b>Multi Copy Speed</b>	15 cpm (Letter Size)
<b>Maximum Original Size</b>	8.5" x 14" (Legal Size)
<b>Maximum Copy Size</b>	Legal
<b>Copy Size</b>	Legal-Invoice Via Paper Tray Legal-Invoice Via Sheet Bypass
<b>Reduction Ratios</b>	Preset: 79%, 65%, 61% Variable: 99%–50% in 1% Increments
<b>Enlargement Ratios</b>	Preset: 129% Variable: 101%–200% in 1% Increments
<b>Paper Feed</b>	250-Sheet Paper Tray Plus 50-Sheet Bypass Max. 550 Sheets with Optional 250-Sheet Paper Cassette
<b>Exposure Control</b>	Automatic/Manual Plus Photo Mode
<b>Printer</b>	
<b>Print Resolution</b>	600 dpi/300 dpi
<b>Print Speed</b>	15 ppm
<b>Operating Systems</b>	Windows 95/98, Windows NT 4.0, Windows 2000
<b>Emulation</b>	Windows GDI
<b>Interface</b>	Bi-Directional Parallel (IEEE 1284, ECP Mode)
<b>General</b>	
<b>Type</b>	Desktop
<b>Electrical Requirements</b>	AC 120V, 60Hz
<b>Dimensions (W x D x H)</b>	19.5" x 18.6" x 15.1"
<b>Weight</b>	49 lbs

Dimensions and weight are approximate. Specifications are subject to change. Microsoft®, Windows® and Windows NT® are registered trademarks of Microsoft Corporation. WORKIO is a trademark of Matsushita Graphic Communication Systems, Inc. All product names are trademarks of their respective holders.

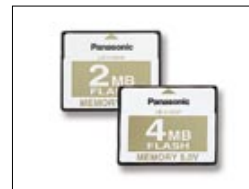
#### Options



DA-DS150  
Optional 250-Sheet Paper Cassette

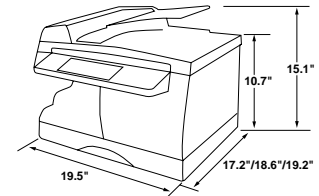


UE-403171  
Handset (for DP-150FX)



UE-410046 and UE-410047  
2Mb and 4Mb Memory Cards (for DP-150FX)

#### Dimensions



#### Consumables



DQ-UG15A  
Toner Cartridge



DQ-UH32A  
Drum Unit

# Panasonic®

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