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# ATS-8270T

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## TEMPEST Color Scanner SDIP 27 Level B



The ATS-8270T is the TEMPEST version of the popular HP ScanJet 8270 scanner, a versatile flatbed scanner that captures both black and white and color drawings, photographs, and text at high resolution. It is designed to meet SDIP 27 Level B, which makes it suitable for handling documents containing top secret data in any environment. It comes optional with an automatic document feeder (ADF), which simplifies batch processing.

The careful Tempest design gives the user the full performance of the HP commercial model and same look&feel, namely the high resolution up to 1200 x 1200 dpi and ease of use. Footprint of the Tempest model is almost the same as the commercial one, allowing to integrate it seamlessly into modern office environments. To enable worldwide deployment, the ATS-8270T features an auto-ranging power supply.

### Features:

- 4800x4800 dpi enhanced resolution
- 48 bit color scanning produces scans in over 16.7 mio. colors; suitable for text and graphics
- Grayscale levels 256
- Scaling 10 to 2000%, in 1% increments
- Connects via TEMPEST USB port to the PC
- Optional SCSI Interface
- 50 pages (25 ppm) automated document feeder (ADF)
- Less than 20s black-and-white drawing into Word
- Less than 50s OCR a full page of text into Word
- 4s preview scan speed
- Powerful image editing software and automated OCR software included
- 9 front-panel buttons: Cancel Copy, Edit text (OCR), Email, File document, Power save, Scan document, Scan picture, configuration
- Power Supply 100-240 VAC, 50/60 Hz

Preliminary specification, subject to change without notice!  
Released August 2009



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## Technical Data

### Scanner Type

- Flatbed (A4), color and monochrome
- automated document feeder (optional)

### Resolution

- Optical: 4800 dpi
- Hardware: 1200 x 1200 dpi

### Scaling

- 10 to 2000% in 1% increments

### Bit Depth & Levels

- 48-bit color (internal hardware)
- Grayscale Levels: 256

### Scan Speed

- 4s preview
- < 25 sec 10x15cm color photo into MSWord
- < 33 sec OCR
- < 32 sec 10x15cm color photo to email

### ADF Capacity

- 50 sheets (75g/m<sup>2</sup>)

### Document Size

- ADF maximum: 216 x 356 mm

### Transparency Adapter

- Built-in Transparent Materials Adapter (TMA); 3 x 35mm framed slides or film strip with 4 images

### Control Panel

- 9 front panel buttons: Cancel Copy, Edit text (OCR), Email, File document, Power save, Scan document, Scan picture, configuration, 16-character LCD

### Scan file format

- Windows®: TIFF, TIFF Compressed, Bitmap, DCX, PCS, JPEG, GIF, FlashPix, Plain Text, PDF, HTML, Rich Text
- Macintosh: TIFF, PICT, JPEG, GIF, FlashPix, PlainText, PDF, HTML, Rich Text

### Software included

- HP Photosmart software for Macintosh and Windows®, ISIS/TWAIN (Windows® only), Adobe® Photoshop Elements, I.R.I.S. Readiris Pro OCR, ScanSoft PaperPort (Windows® only), New Soft Presto! Page Manager (Mac only), Pixel QuickScan demo (Windows® only)

### Interface

- Standard: USB (9-pin D-SUB), cable incl.
- Optional: SCSI-2 at 50-pin D-Sub, cable incl.

### Dimensions & Weight

- (W x D x H) 574 mm x 404 mm x 196 mm
- 9 kg; packaged: 13.3 kg

### Environmental Ranges

- Temperature:
  - Operating: 10°C to 35°C
  - Storage: -40°C to 70°C
- Humidity:
  - Operating: 15 - 85% non-condensing (10°C to 35°C)
  - Storage: 0 - 90% non-condensing (0°C to 60°C)

### Power Requirements

- 100 to 240 VAC (± 10%)
- 50/60 Hz (± 3%)
- Power Consumption: 80W maximum

### Warranty

- 1 Year (parts and labour)

### Compliance

- Designed to meet SDIP 27 Level B
- IEC 60950 Third Edition (1999)
- Certifications: EU (TÜV GS)
- EMC Directive

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