WideTEK®36F



Scanning Speed

The scanning speed depends on the resolution alone. WideTEK® scanners always scan in full color, even if bitonal image output is selected. This produces the best possible images. The following matrix shows the scan speed depending on the resolution. Note that there are only two scanning speeds, one is from 150 to 600dpi and the second one is from 601 to 1200dpi.

WT36F-600 Time 915*610 mm (36*24 inch)

Scan Speed Color	**36*24"**	**@ 1200 dpi**	**< 12 s**
Scan Speed Color	**36*24"**	**@ 600 dpi**	**< 6 s**
Scan Speed Color	**36*24"**	**@ 300 dpi**	**< 6 s**

Optical System

Maximum Document Size	915 x 610 mm (36 x 24 inch)
Scanner Resolution	1200 x 1200 dpi
Optical Resolution	1200 x 600 dpi
Pixel Dimension	9,3 x 9,3 µm
Sensortype	Three CIS line sensors with long focal selfoc lens, depth of focus > +-1mm @600dpi
Color Depth	48 bit color (internal resolution) 16 bit gray scale (internal resolution)
Scan Modes	24 bit color, 8 bit grayscale, bitonal, enhanced halftone
File Formats	Multipage PDF (PDF/A) und TIFF, JPEG, JPEG 2000, PNM, PNG, BMP, TIFF (Raw, G3, G4, LZW, JPEG), AutoCAD DWF, JBIG, DjVu, DICOM, PCX, Postscript, EPS, Raw data and more

Illumination System

Light Source	RGB LEDs, with integrated diffusor tested according to IEC 62471, no IR/UV emission
Warm-up Time	None
Temperature Dependency	None
UV / IR Emission	None
Lamp Lifetime	50,000 hours typical. Lamps are covered by the Extended Warranty Option

Electrical Specifications

External Power Supply

Voltage	100 – 240 V AC
Frequency	47 – 63 Hz
Operating Temperature	5 to 40 °C (40 to 105 °F)
Relative Humidity	20 to 80% (non-condensing)
ECO Standard	CEC Level VI

Scanner

Voltage	24 V DC
Current	Max. 5 A

Power Consumption

$P_{(Off)}$	0.3W
$P_{(Sleep)}$	4.5W
$P_{(Ready)}$	35W
$P_{(Active)}$	100W

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Dimensions and Weight

Scanner Outer Dimensions (H x W x D)	160 x 1100 x 1100 mm (6.3 x 43.3 x 43.3 inch)
Weight of Scanner	45 kg (100 lbs.)
Dimension Transport Box (H x W x D)	1200 x 800 x 1350 mm (47 x 31.5 x 53 inch)
Scanner Weight, Ready to Ship	160 kg (352 lbs.)

Ambient Conditions

Operating Temperature	5 to 40 °C (40 to 105 °F)
Storage Temperature	0 to 60 °C (32 to 140 °F)
Relative Humidity	20 to 80% (non-condensing)
Noise	< 42 dB(A) (Operating) < 25 dB(A) (Standby)

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