

WideTEK® 60 *Art*

The Art of Art Scanning

for all formats up to

1,524 x 2,032 mm (60 x 80inch)



**Contact free 1200 dpi scanning of art
60 x 80 inches, up to 5.5 inches high.
The art of art scanning!**



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- CONTACT-FREE SCANNING OF FRAGILE MATERIAL, EVEN WET ARTWORK
- SCANS UP TO 1524 X 2032 MM / 60 X 80 INCHES WIDE)
- FADGI **** AND ISO 19264-1 LEVEL A COMPLIANT
- MAXIMUM SCAN HEIGHT OF 140 MM / 5.5 INCHES
- DOCUMENT THICKNESS OF 240 MM / 9.5 INCHES
- FASTEST COLOR SCANNING AT 42.2 MM/S / 1.66 INCH/S @ 300 DPI
- 1200 x 1200 DPI OPTICAL RESOLUTION
- CAPTURES 3D SURFACES, TEXTURES OF ALMOST ALL MATERIALS
- SCAN TABLE CAN BE MOVED MANUALLY OR MOTORIZED
- INTEGRATED 64BIT LINUX, INTEL I3 QUAD CORE, 64 GB RAM, 320GB HDD
- 10 GIGABIT TCP/IP NETWORK INTERFACE
- LARGE 17 INCH COLOR TOUCHSCREEN FOR SIMPLIFIED OPERATION
- VIRTUAL RESCAN, MODIFY IMAGES WITHOUT RESCANNING
- LED LAMPS, NO WARM UP, IR/UV FREE
- BUILT TO LAST
- EASY INSTALLATION VIA SCAN2NET® TECHNOLOGY
- SHIPS ON ONE PALLET OF 80 CM X 200 CM X 160CM AND INSTALLS IN LESS THAN TWO HOUR.



Enables contact free scanning of works of art like oil and acrylic paintings, watercolors, charcoal and pastel drawings, mixed media collages and antique works of art; at 1200dpi in formats up to 1524 x 2032mm / 60 x 80inches.

*Using the latest camera technology this scanner exceeds all criteria set forth in the FADGI **** guidelines and ISO 19264-1 level A.*

Perfecting the Art of Art Scanning

WideTEK® 60ART Fine Art Scanner

The WideTEK® 60ART-800 enables contact-free scanning of artworks such as oil and acrylic paintings, watercolors, charcoal and pastel drawings, mixed media collages and antique artworks, with or without frames, gently and in high resolution.

With its patented laser focusing and measurement, the WideTEK® 60ART captures all surface structures, from the finest brushstrokes to gouache painting techniques. Originals are scanned with an optical resolution of up to 1200 x 1200 dpi and ICC profiles can easily be used with the scanner to guarantee truly accurate colors in the scanned image.

The objects to be scanned are moved fully automatically under the CCD scanning elements without the surface of the objects coming into contact with the scanner. Thanks to this unique scanning technology, the WideTEK® 60ART digitizes surfaces up to 140 mm high, whereby the scanned objects can be up to 240 mm thick in total. A framed work of art can be scanned directly without removing it from the frame first. A painting can even be scanned when it is still wet, as long as it is framed or the sides are dry enough for the artwork to be placed on the scanner bed. Cool white UV- and IR-free LED illumination protects valuable artwork from color distortion or damage caused by excessive light exposure. A patented, laser-assisted dynamic focus adjustment helps the user to set the optimum position of the scan head. The same lasers are also used to dynamically measure the distance at five different positions during scanning and further help with resolution correction to avoid stitching artifacts.

Combined with commercially available large format printers, the WideTEK® 60ART-800 Fine Art Scanner forms the basis for professional art reproduction. In addition to adapted printer drivers for HP, CANON, EPSON and others, the built-in closed loop calibration further supports the extremely high color accuracy of the resulting printout.

Copies look so natural, especially when using the 3D scan mode on printers with 8 or more inks, that many people cannot tell the difference between the original and the copy if viewed side by side in direct comparison.

WideTEK® 60ART Further Highlights

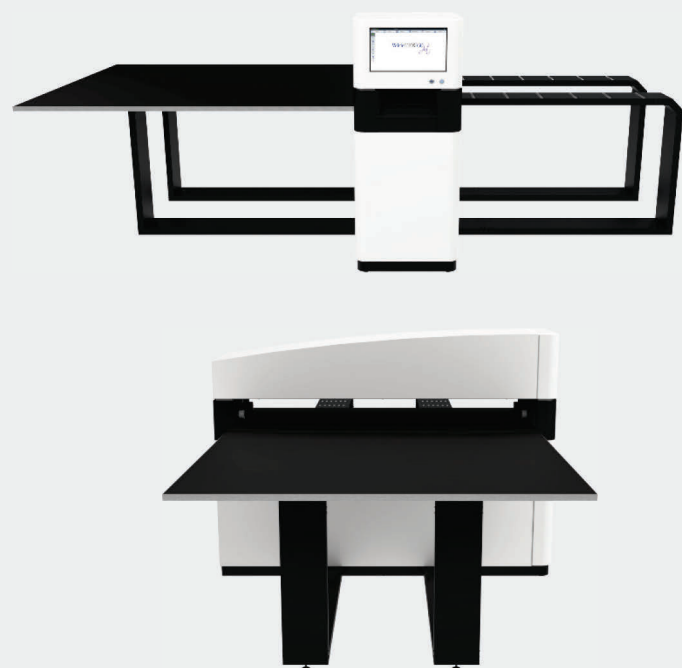
- Output formats: PDF, PDF/A, JPEG, TIFF, PNM, multipage PDF and TIFF, DICOM and many more
- Highest color accuracy
- Geometrical accuracy
- UV- and IR-free LED lighting
- Large color space: supports sRGB, Adobe RGB, native
- ICC color profile
- Scan2USB – Walk up scanning to a USB device
- Scan2Network – Output to network resources, SMB, FTP
- Virus resistant Linux – OS
- Remote maintenance and analysis
- Firmware updates via web interface

What's in the box

- WT60ART-800
- Power supply, network cable, foot pedal
- Bundle contains additional 12-month Full Coverage Warranty

Options

- Full Coverage Warranty – Up to 5 years, free spare parts & more



Markets and Applications

The WideTEK® 60ART wide format CCD Fine Art Scanner is a valuable production device for the following markets and applications.

WideTEK® 60ART Markets

- Museums, galleries, exhibitions
- Copy services, reprographic shops
- Government, archives, special collections
- Universities, libraries
- Artist, private owners of fine art
- Textile, floor covers, other building material industries

WideTEK® 60ART Applications

- High quality replica production of artwork for sale in auction houses
- Preservation of artwork as special collections in museums
- Presentation of artwork in public and/or private catalogs, prints, websites
- Presentation of other material in public and/or private catalogs, websites
- Scanning artwork for display as a security, anti-theft measure
- Industrial quality control of textured heavy, thick or wet material
- Industrial quality control of all kinds of materials and surfaces
- Print output quality control

The Scan2Net® platform is the technological foundation of all WideTEK® and Bookeys® scanners from Image Access. It replaces the proprietary scanner drivers and software that traditional scanners require with the fastest common, nonproprietary inter-device connection available: TCP/IP over Ethernet. With network interface speeds much higher than USB 3.0 or camera link, Scan2Net® devices are able to reach unrivaled performance at extremely low connectivity cost.

Scan2Net® scanners feature a 64bit Linux based real time operating system, dedicated to scanner specific imaging and mechanical control tasks, maximizing scanning speeds and performance.

Scan2Net® Advantages

- 64bit Linux based computer, fast and virus-protected
- Easy integration into existing network structures
- Only a single IP address is required to operate the scanner
- Integration and remote access via the Intranet or even the Internet
- Scans directly to SMB, FTP, hot folders, USB, Email or the Cloud without an external PC
- Simple, intuitive operation, browser-based
- Clear menu structure, operation via touchscreen
- Multilanguage (more than 20) support, customizable user interface

TECHNICAL DATA

Maximum Document Size	1524 x 2032 mm (60 x 80 inches). This is suitable for almost all commercially available canvas formats	
Maximum Scan Heights	140 mm (5.5 inch)	
Document Thickness	240 mm (9.5 inch) E.g. Canvas up to max. 140 mm in a frame up to 240 mm thickness	
Optical Resolution	1200 x 1200 dpi	
Scan Speed Color	300 dpi - 42.2 mm/s (1.66 inch/s), 600 dpi - 21.1 mm/s (0.83 inch/s)	
Scan Speed Color 3D	300 dpi - 21.1 mm/s (0.83 inch/s), 600 dpi - 10.7 mm/s (0.42 inch/s)	
Color Depth	48 bit color, 16 bit grayscale	
Scan Output	24 bit color, 8 bit color indexed, 8 bit grayscale, bitonal, enhanced halftone	
File Formats	Multipage PDF (PDF/A) and TIFF, JPEG, JPEG 2000, PNM, PNG, BMP, TIFF (Raw, G3, G4, LZW, JPEG), AutoCAD DWF, JBIG, DjVu, DICOM, PCX, Postscript, EPS, Raw data	
Quality	Exceeds FADGI **** guidelines, ISO 19264-1 level A	
Camera	5 x Tri-Color CCD, 112,500 pixels, encapsulated and dust-proof	
Light Source	Two linear lamps with white LEDs, no IR/UV emission	
Computer	64 bit Linux, Intel® Core™ Gen 9 processor, 250GB SSD, 64GB RAM	
Touchscreen / Monitor	Internal 17 inch full HD color touchscreen, optional external monitor for up to 86 inch, 4K resolution	
USB Port	1 USB Port 3.0	
Interface	10 GBit Fast Ethernet with TCP/IP based Scan2Net® Interface	
Dimensions scanner, scantrack assembled	W x D x H: 3260 x 1900 x 1380 mm	(128.5 x 75 x 54.5 inches), needs 4300 mm (170 inch) wall to wall
Dimensions scan table	W x D x H: 1610 x 2400 x 25 mm	(63.4 x 94.5 x 1 inches), ships in two parts 1200mm each
Dimensions shipping crate	W x D x H: 800 x 2000 x 1600 mm	(31.5 x 79 x 63 inches) fits through almost all doors
Weight scanner only / total shipping	200 kg (440 lbs.) / 300 kg (660 lbs.)	
Electrical Connection	100 – 240 Vac, 47 – 63 Hz (external power supply, complies with ECO standard CEC level VI)	
Power Consumption	P _(Off) 0.3W / P _(Sleep) 4.7W / P _(Ready) 60W / P _(Active) 120W (61% below ENERGY STAR requirements)	
Operating Temperature	5 to 40 °C, 40 to 105 °F	
Relative Humidity	20 to 80 % (non-condensing)	
Noise	< 35 dB(A) (Scanning) / < 25 dB(A) (Standby)	
Approvals	IEC/EN 62368-1:2014 (Ed. 4), UL/CSA 62368-1:2014 Ed.4, EN 55022, EN 55024; FCC 47 Part 15	



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