HD Apeiron/42
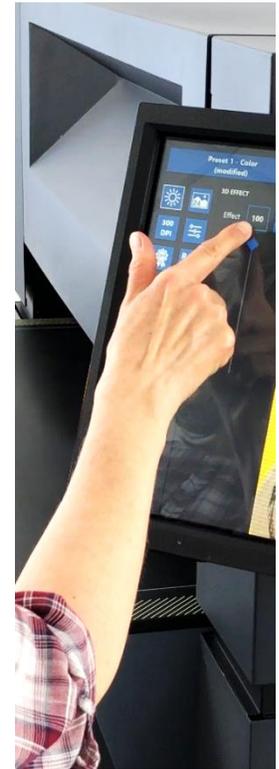
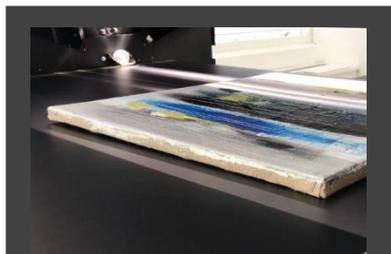**42×60×5.1"**

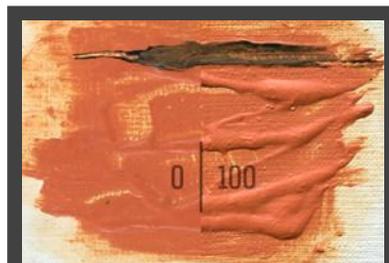**ScanWide**

CONTACT-FREE SCANNING OF DETAILED ORIGINALS AND FINE ART

Fine Art and Artwork
Preserve art masterpieces using contact-free scanning with extremely accurate color matching.

3D Effect
Emphasize the unique texture of originals with adjustable lighting and 3D effect.

Preserve and Protect
Digitize for the future with light control and no UV/IR radiation.

Materials
Present correct digital versions of many types of material, for example building materials and textiles.

Delicate Documents
With no surface contact, scan and store delicate documents without the risk of wear and tear.

Reprographics Shop
Preserve the fine details of any type of original by scanning with an optical resolution of up to 1200 dpi.

	HD Apeiron/42		
Suitable for (among many others)	Fine art, artwork, artifacts, posters and prints, building materials, textiles, delicate documents		
Media loading	Contact-free face up scanning		
Scan size (W×L)	Maximum: 42×60 in (1067×1524 mm). Minimum: 1×1 in (24.5×24.5 mm).		
Media size (W×L)	Maximum: 43.8×64 in (1113×1625 mm). Minimum: Media smaller than the min. scan size can be cropped in the software.		
Maximum focus plane above table	5.1 in (130 mm). Maximum clearance height: 10 in (254 mm)		
Maximum focus depth at 300 dpi	+/- 10 mm		
Maximum weight on scanner table	Up to 44 lbs (20 kg), evenly distributed		

Scanning speed (inches/second)[1]	300 dpi, 24-bit color	600 dpi, 24-bit color	1200 dpi, 24-bit color
Plane surface	6 ips	1.5 ips	0.12 ips
Uneven surface	5.5 ips	1.38 ips	0.28 ips
3D effect	2.75 ips	0.69 ips	0.11 ips

Specifications

Optical resolution	1200 dpi (maximum 9600 dpi, interpolated)
Total number of pixels	256,320 pixels
Accuracy	0.1% +/- 1 pixel
Data capture color depth	48-bit color/16-bit monochrome
Image types	24-bit color, Indexed color, 8-bit grayscale, 1-bit black/white, Fine lines and fills, Fixed threshold, Dither
Color spaces	Adobe RGB, Device RGB, RAW RGB, sRGB
Color profile	ICC color management powered by X-Rite®
Cameras	6 CCD cameras with Fujifilm lenses and quad-linear Toshiba color CCDs (RGB and grey)
Height adjustment and focus detection	Yes. By lasers in the scan module. (Patent pending)
Light sources	2 LED lamps with dual LED strips, mounted in elliptical reflectors. LED spectrums: 2700K, 5000K, 6500K
Light exposure	No unnecessary light exposure. Scanning light is narrowly projected to the scan line only.
Lamp specifications	No UV/IR radiation. No warm up time. Lifetime = scanner lifetime.
Lamp angles	Four options for different angles of lighting
3D effect	Yes. Post-scanning option in the software to slide for desired 3D effect
Table conveyance system	Precision timing belt transmission with triple-point direction control system
Movement controls via software	Scan module: Up/down. Table: Forward/reverse
Red emergency stop button	Yes

PC, monitor and software

Recommended PC requirements	2.4 GHz processor, 8 cores (16 logical processors) or better 64-bit processors, 32 GB RAM and SSD SATA drive (PC not included)
Operating systems	Windows 11 64-bit, Windows 10 64-bit
Connectivity	Min. USB 3.0 SuperSpeed or Gigabit Ethernet
Included monitor	22" touchscreen (VESA mount 75×75 mm and 100×100 mm) with adjustable position for optimal ergonomics
Included software	Nextimage Apeiron (English, German, French, Italian, Spanish, Portuguese, Polish, Russian, Korean, Chinese (simplified), Japanese)
File formats	Big TIFF, TIF, JPG, PDF, PDF/A, DWF, CALS, BMP, JPEG-2000(JP2), JPEG2000 Extended(JPX), TIF-G3, TIF-G4, multi-page PDF and others
Printer support	HP, Canon, Epson and Océ printers. See contex.com/nextimage-supported-printers for full list

Environment

Temperature	Operating: 15 to 30°C (59 to 86°F). Storage: -20 to 55°C (-4 to 131°F)
Relative humidity	35 to 60%, non-condensing
Noise level	Ready (standby): 0 dBA. Sleep: 0 dBA. Scan: 44.8 dBA (min. table speed), 45.4 dBA (medium table speed), 47 dBA (max. table speed)

Power

Power consumption	Ready (standby): 36W. Sleep: 1.3W. Scan: 76W (Energy Star® 3.0 compliant)
Power supply	100 V / 230 V / 240 V, 60/50 Hz

Dimensions

Scanner (W×H×D)	135.8×61.3×62 in (3450×1558×1575 mm) in highest position
Table height	35.4 in (900 mm)
Cabinet door opening (W×H)[2]	19×21.8 in (484×555 mm)
Weight	Approx. 412 lbs (187 kg)
Shipping crate (W×H×D)	79×73×53 in (2010×1860×1350 mm). Weight 494 lbs. (224 kg)
Unboxing and installation	Wheels on the scanner and an included ramp assists unboxing and installation (no professional movers required)

Compliance

FADGI	**FADGI **** (4 stars is the best imaging practical today)**
ISO	ISO 19264-1:2021 compliant (Imaging quality of reflective originals)
Certifications	UL/Cb, FCC, CCC (China), UKCA, CE, VCCI (Japan), Laser (FDA/IEC), RoHS, Energy Star 3.0
Color rendering index (CRI)	CRI >98
Country of origin	Designed and engineered in Denmark. Assembled in China.

1. Speed tests performed using Nextimage Apeiron software, PC with Intel Core i7 4770K 3.5 GHz, 32 GB RAM, SSD – 1TB, USB 3.0 SuperSpeed and Win 64-bit. 2. Required PC (not part of product) is stored in cabinet. *All trademarks remain the property of their respective holders, and are used only to directly describe the product being provided. Their use does not indicate a relationship between Contex and the trademark holders.*

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