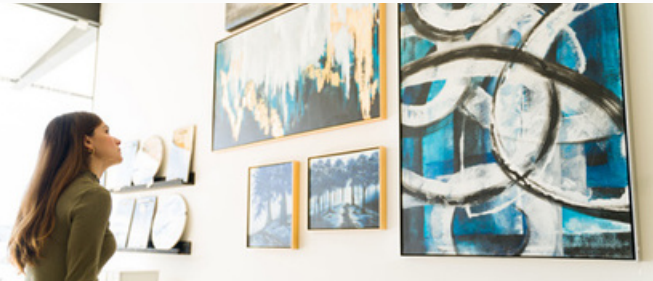


# HD Apeiron/42

42×60×5.1”



## CONTACT-FREE LARGE FORMAT SCANNING WITH ACCURATE COLOR REPRODUCTION



### FINE ART AND ARTWORK

Preserve art masterpieces using contact-free scanning with extremely accurate color matching.



### REPROGRAPHICS

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



### PRINT INSPECTION

High-quality image input ensures that the critical first step in print inspection is flawless.



### FABRICS AND APPAREL

Present color correct digital versions of both fabrics and finished apparel.

SEE MORE: [contex.com/hdapeiron](https://contex.com/hdapeiron)

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WHEN IMAGING MATTERS

# HD Apeiron/42

HD Apeiron/42	
Optimized for	Precision (frequent use)
Suitable for (among many others)	Fine art, artwork, posters and prints, interior design materials, fabric and apparel, 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	+/- 10 mm
Maximum weight on scanner table	Up to 44 lbs (20 kg), evenly distributed
Scanning speed (inches/second) <sup>1</sup>	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 surface effect	2.75 ips      0.69 ips      0.11 ips
<b>Specifications</b>	
Optical resolution	1200 dpi (maximum 9600 dpi, interpolated)
Total number of pixels	256,320 pixels
Accuracy	0.1% +/- 1 pixel
Data capture	48-bit color, 16-bit grayscale
Data output	Optimize for quality: 48-bit color, 16-bit grayscale. Optimize for speed: 24-bit color, 8-bit grayscale.
Color spaces	Adobe RGB, Device RGB, sRGB
Color profile	ICC color management powered by X-Rite*
Cameras	6 premium camera lenses and quad-linear Toshiba color CCDs (RGB and grey)
Height adjustment and focus detection	Auto and manual focus adjustment by 5 lasers in the scan module (patent pending)
Light sources	2 lamps with TRI-R™ LEDs with natural daylight spectrum (2700K, 5000K, 6500K), mounted in elliptical reflectors
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 surface effect	Yes. Post-scanning option in the software to slide for desired 3D surface 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. Default table position: Left/right
Red emergency stop button	Yes
<b>PC, monitor and software</b>	
<b>Recommended PC requirements</b>	
Operating systems	2.4 GHz processor, 8 cores (16 logical processors) or better 64-bit processors, 32 GB RAM and SSD SATA drive (PC not included)
Connectivity	Windows 11 64-bit
Included monitor	Min. USB 3.0 SuperSpeed or Gigabit Ethernet
Included software	22" touchscreen (VESA mount 75×75 mm and 100×100 mm) with adjustable position for optimal ergonomics
File formats	Nextimage Apeiron (English, German, French, Italian, Spanish, Portuguese, Polish, Russian, Korean, Chinese (simplified), Japanese)
Printer support	Big TIFF, TIF, JPG, PDF, PDF/A, DWF, BMP, JPEG2000 Extended(JPX), TIF-G3, TIF-G4, PNG
Environment	HP, Canon, Epson and Océ printers. See <a href="http://context.com/nextimage-supported-printers">context.com/nextimage-supported-printers</a> for full list
<b>Temperature</b>	
Relative humidity	Operating: 15 to 30°C (59 to 86°F). Storage: -20 to 55°C (-4 to 131°F)
Noise level	35 to 60%, non-condensing
Power	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)
<b>Power consumption</b>	
Power supply	Ready (standby): 36W. Sleep: 1.3W. Scan: 76W (Energy Star® 3.0 compliant)
Dimensions	100 V / 230 V / 240 V, 60/50 Hz
<b>Scanner size (W×H×D) and weight</b>	
Table and cabinet door sizes	135.8×61.3×62 in (3450×1558×1575 mm) in highest position. Approx. 412 lbs (187 kg)
Installation room	Table height: 35.4 in (900 mm). Cabinet door opening (W×H) <sup>2</sup> : 19×21.8 in (484×555 mm)
Minimum entrance size	Firm, flat surface at least 1378×630 in (3500×1600 cm)
Shipping crate (W×H×D)	Minimum width: 32 in (81 cm), with the foam box removed. Minimum height: 57 in (145 cm), scan module set in the lowest position
Unboxing and installation	79×73×53 in (2010×1860×1350 mm). Weight 750 lbs. (340 kg)
Compliance	Wheels on the scanner and an included ramp assists unboxing and installation
<b>FADGI</b>	
ISO	FADGI **** (4 stars is the best imaging practical today)
Certifications	ISO 19264-1:2021 compliant (Imaging quality of reflective originals)
Color rendering index (CRI)	UL/Cb, FCC, CCC (China), UKCA, CE, VCCI (Japan), Laser (FDA/IEC), RoHS, Energy Star 3.0
Country of origin	CRI >98
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.

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