

HD Apeiron/42

42×60×5.1"



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.



Copy shop

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

CONTROL THE LIGHT – CONSERVE THE ART

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WHEN IMAGING MATTERS

HD Apeiron/42

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 (WxL)	Maximum: 42x60 in (1067x1524 mm). Minimum: 1x1 in (24.5x24.5 mm).		
Media size (WxL)	Maximum: 43.8x64 in (1113x1625 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)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	sRGB, Adobe RGB, Device RGB		
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 75x75 mm and 100x100 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, BMP, JPEG2000 Extended(JPX), TIF-G3, TIF-G4, PNG		
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 (WxHxD)	135.8x61.3x62 in (3450x1558x1575 mm) in highest position		
Table height	35.4 in (900 mm)		
Cabinet door opening (WxH) ²	19x21.8 in (484x555 mm)		
Weight	Approx. 412 lbs (187 kg)		
Shipping crate (WxHxD)	79x73x53 in (2010x1860x1350 mm). Weight 750 lbs. (340 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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