

pYcaXo

Large-format digital X-ray



Portable digital X-ray machine for large works of art

Key features



Pixel Size:
50 μ m



Pixel Matrix:
4600 x 3000



Greyscale:
14 bits



Scan Size:
De 2x2 a 5x4 m
(Larger on request)



Canvas stretcher
+100 Kg



High intensity
Up to 10 mA

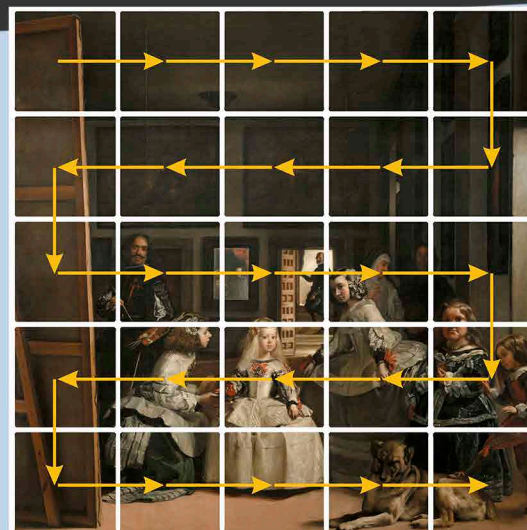


Focal Point
1 a 3 mm



Automatic
Inspection

Safe inspection of large canvases and altarpieces



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Technical specifications

DETECTOR

Panel	CMOS Active Pixel
Scintillator	GADOX
Pixel matrix	2900x4600
Pixel size	50 µm
Active area	150 mm x 230 mm
Shielding	Integrated
Binning Modes	1x1 / 2x2
ADC	14-bits
Frames per second	15 fps 1x1 / 60 fps 2x2
Communication	5 GigE Ethernet
Integrated corrections	Background, shading and defect pixels
Typical SRb	58 µm
Image latency	No image remanence
Radiation energy	X-rays (400 kV max) Gamma (Se-75, Ir-192)

SOFTWARE

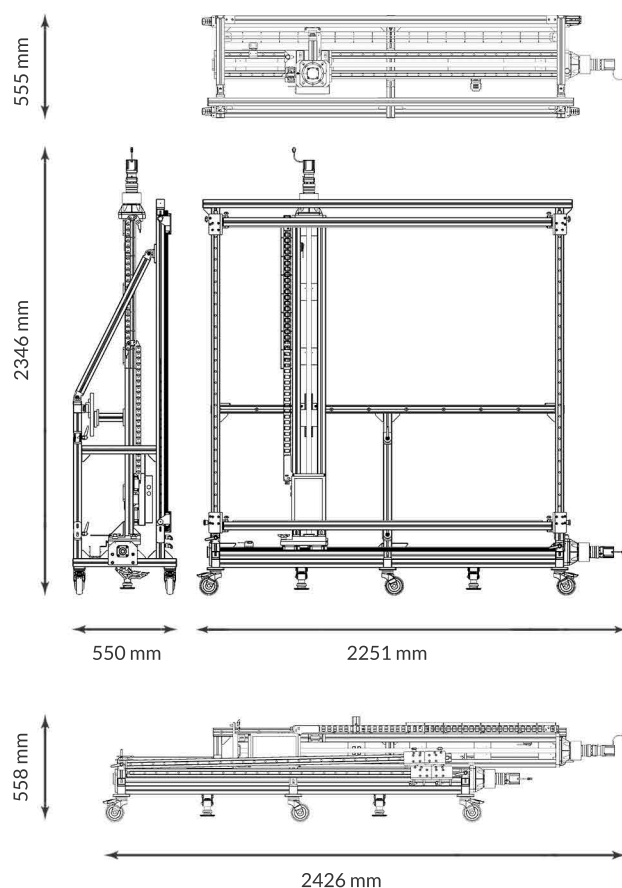
PC	Windows XP, 10
Interface	Ethernet
GUI	Intuitive interface
Touch pad	Upon request

ELECTROMECHANICS

Dimensions	Desde 2x2 a 5x4 (upon request)
Material	Aluminum and stainless steel
Motor	High resolution stepper
Mechanical fitting	25 mm step axis
Control	Wireless remote
Communication	LAN / Ethernet

REGULATION

Norms	EN 60601-1/A1, EN 60601-1-2, FCC parte 15 subparte E, ETSI EN 301 893 V2.1 1, ETSI EN 301 489-1 V2.2 0, ETSI EN 301 489-17 V3.2 0
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*Measurements for a 4x4 m canvas. Consult us for customization.

Related products



Herit-X

Control software for the XoroYa and pYcaXo systems. With a user-friendly interface, this software enables the necessary X-rays of a large-scale painting to be obtained quickly and automatically.



Xmart

Software that complements Herit-X, enabling the automatic radiographic stitching of large images from X-rays images taken with Herit-X.

Contact



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