

pYcaXo

Radiografía digital de gran formato



Radiografía digital
portátil para grandes
obras de arte

Características principales



Tamaño de Píxel:
50 µm



Matriz de Píxel:
4600 x 3000



Escala de Grises:
14 bits



Tamaño de escaneo:
De 2x2 a 5x4 m
(Más grande a petición)



Soporte para lienzos
+100 Kg



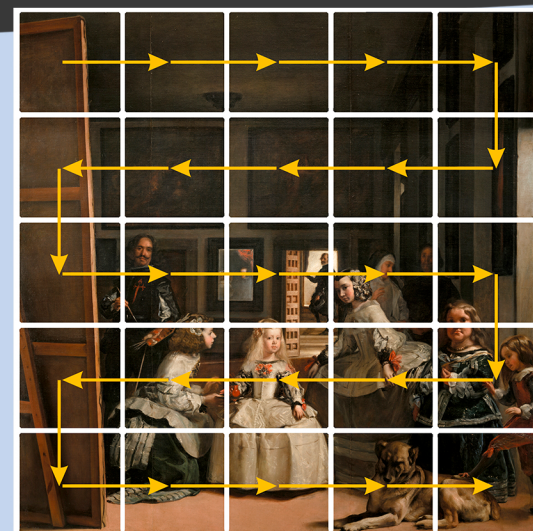
Alta intensidad
Hasta 10 mA



Punto Focal
1 a 3 mm



Inspección
Automática



Inspección segura de
lienzos y retablos de
grandes dimensiones

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pYcaXo | DataSheet

Technical Characteristics

DETECTOR

Panel	CMOS Active Pixel
Centellator	GADOX
Pixel Matrix	2900x4600
Pixel Size	50 µm
Active Area	150 mm x 230 mm
Armour	Integrated
Binning Modes	1x1 / 2x2
ADC	14-bits
Frames for second	15 fps 1x1 / 60 fps 2x2
Communication	5 GigE Ethernet
Built-in corrections	Background, flatfield, and defective pixels
SRb typical	58 µm
Image retention	No afterglow
Radiation energy	X-Ray (400 kV max) Gamma (Se-75, Ir-192)

SOFTWARE

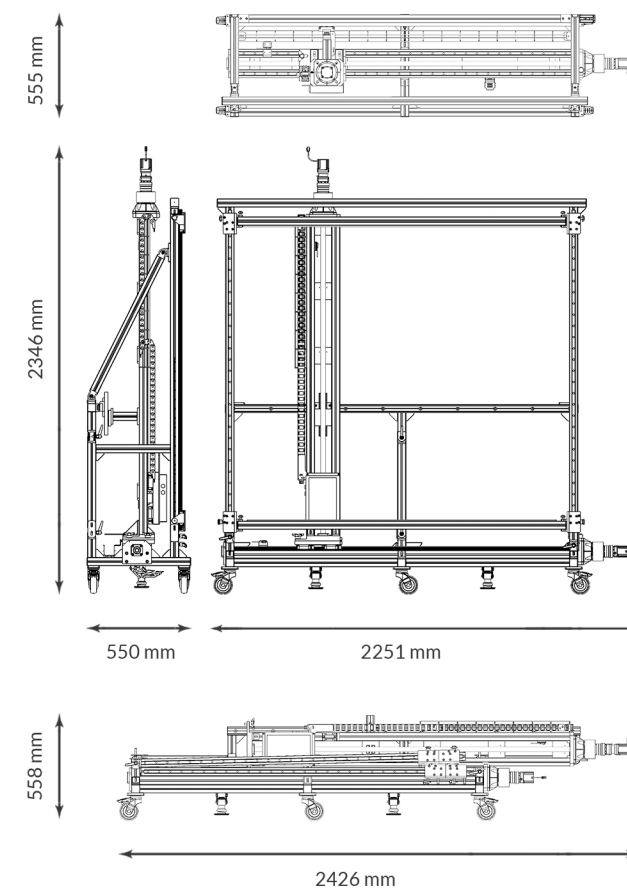
PC	Windows XP, 10
Interface	Ethernet
GUI	Intuitive interface
Touchscreen	On request

ELECTROMECHANICS

Dimensions	From 2x2 to 5x4 (on request)
Material	Aluminium and stainless steel
Motor	High-resolution step-by-step guide
Mechanical processing	25 mm pitch shaft
Control	Radio-controlled remote controls
Communication	LAN / Ethernet

REGULATION

EN 60601-1/A1, EN 60601-1-2,
FCC part 15 sub-part E,
ETSI EN 301 893 V2.1 1,
ETSI EN 301 489-1 V2.2 0,
ETSI EN 301 489-17 V3.2 0



*Dimensions for a 4x4 m canvas. Please enquire about customisation.

Related products



Herit-X

Control software for the XoroYa and pYcaXo systems. With a very 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 composition of large images from X-rays taken with Herit-X.

Contact

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