Technical Specifications of CRxVision

Functional Data

Principle	High performance table-top flatbed scanner with contactless plate transport	
Eraser	Inline	
Resolution	Standard resolution (SR): 70 µm	High resolution (HR): 35 µm
Maximum basic	Standard resolution (SR): 80 µm (6,25 LP / mm)	
Spatial resolution	High resolution (HR): 40 µm (12,5 LP / mm)	
Scan width	35 cm (14 inch)	
Throughput (10 x 40 cm / 4.5 x 17")	Standard resolution (SR): 90 plates/hour	High resolution (HR): 28 plates/hour
Time to image (in Rhythm RT)	Standard resolution (SR): 40 sec	High resolution (HR): 147 sec
LUT (look up table)	Linear (native Square root)	
Bit depth	16 Bit	
Dimensions	Scanner: 56 x 56 x 47 cm (22" x 22" x 19")	Scanner including I/O table and light cover: 128 x 56 x 47 cm (52" x 22" x 19")
Weight	Scanner: 45 kg (99 lbs)	Scanner including I/O table and light cover: 50 kg (110 lbs)
Interfaces	Ethernet, RJ45; DC voltage, coded 8-pin, female	
Certifications	CE, UL (NRTLus), cUL (cNRTLus), C-Tick, Customs Union Mark	

Environmental Conditions

Operation	Temp. allowed: 15 ºC to 35 ºC (59 ºF to 95 ºF) Relative humidity : 15% to 80% (non condensed)	
Magnetic field	Compliant with EN 61000-4-8, Level 2	

Electrical Data

Operating voltage	Auto-ranging external power supply from 100 V to 240 V, DC Output 24V	
Mains frequency	50/60 Hz	
Mains fuse protection	Europe: min. 10 A, max. 16 A	USA & Japan: min. 10 A, max. 15 A
Power consumption	Standby 110 V - 240 V / 50-60 Hz,max. 22 W During operation 110 V - 240 V / 50-60 Hz max. 140 W (absolute peak)	

Application Compliance

ASME	ASME Code Section V Article 2
ISO 17636-2	Class A / Class B (in defined exposure conditions); Verified with X-ray, Ir-192, Se-75, Co-60
EN14784-1	IPS, IPS-2: 1/80, IPU: 1/40; Certified by BAM
EN2446-06	IPS, IPS-2: S/80, IPU: S/40; Certified by BAM

Accessories

I/O Table with light cover	Quick mountable, stainless steel, input/output table set with 43 cm (17") tray length and light cover for input side
Long I/O table	Input/output extension for long plates scanning 150 cm (59")
Flight Case	Robust Flight Case with shock-absorbers, wheel, ruggedized handles and compartments for I/O tables, laptop, accessories

Imaging Plates

IPC2	High speed plate
IPS + IPS2	High resolution
IPU	Extremely high resolution (X-ray)

Use (all Plates): CRxVision can scan any shape or size imaging plate from 20 to 1500 mm (0.75 to 60") in length.

Cassettes

Flexible cassettes	PVC or vinyl envelopes; different sizes
Hard cassettes (for defined exposure conditions)	35 x 43 cm, 20 x 24 cm, 24 x 30 cm, 15 x 30 cm (14" x 17", 8" x 10", 10" x 12", 6" x 12")