

Carestream HPX1-Plus

For Non-Destructive Testing

HPX-1 Plus PRODUCT SPECIFICATIONS

System Type	Computed Radiography (CR)		
Scanning Capture	16 bit linear		
Throughput: Single Plate	66 plates /hour for qty (1) - 14 x 17in @ 100µm 33 plates /hour for qty (1) - 14 x 17in @ 50µm		
Throughput: Multi-Plate Scan	274 plates /hour for qty (3) - 4.5 x 10in @ 100µm 151 plates /hour for qty (3) - 4.5 x 10in @ 50µm		
Imaging Media	Accepts both rigid cassettes and flexible plates		
Rigid Cassette Sizes	10 x 8 inch	10 x 12 inch	14 x 17 inch
Flexible Plate Sizes	10 x 8 inch	4.5 x 17 inch	10cm x 24cm
	3.5 x 10 inch	7 x 17 inch	30cm x 40cm
	4.5 x 10 inch	14 x 17 inch	10cm x 40cm
	10 x 12 inch	14 x 36 inch	70mm x 10 inch
	3.5 x 17 inch	14 x 51 inch	70mm x 17 inch
	14 x 60 inch		
Multi Plate Scanning	Can scan multiple plates simultaneously		
Laser Spot Size	50µm measured at full width, half max. 30µm measured at 85% of peak		
Laser Intensity	User selectable laser intensity		
Pixel Pitch	25µm, 35µm, 50µm, 100µm Laser spot is filtered not adjusted by varying power for a consistent spot		
Spacial Resolution	50 microns or better (10 to 12lp/mm)		
Operating Modes	Scan only Scan and Erase Erase only Scan and hold for preview before deciding to erase		
Erase	Smart Erase Halogen System: applies only the erase needed based on dose		
Erase Speed	Automatically varies from 0.2 to 2.2 seconds per inch travel		
Feed Mechanism	Internal horizontal roller pairs. Protected from dirt ingress to prolong plate life.		
Connectivity	Ethernet connection standard (1Gbps)		
Network	DICOM and DICONDE compliant		
Air Flow	Filtered, positive air pressure in scanner keeps damaging particulates out		
Mirror Surfaces	Face downwards eliminating gravity driven particulates		
Maintenance	User serviceable wear parts		
Calibration	Fully factory calibrated and ready to operate		
Software	INDUSTREX (installed & tested prior to delivery, Windows 7 Ultimate (64 bit))		
Filter	EDGE uses a unique display filter without modifying the original source file. Image is adjustable for sharpening, edge enhancement and gray scale equalization		
Monitor	3MP (color) or 5MP (monochrome), high contrast, stable calibration		
Chassis	Rigid aluminum construction with vibration damping feet		
Power	100-240 VAC (Automatic Level Sensing)		
Warranty	One Year Parts and Labor		
Installation	Ships complete and can be easily and quickly installed on-site by the customer		
Dimensions	26 in (66cm) x 23 in (54.8cm) x 17.5 in (44.5cm)		
Weight	120 lbs (54.4 kg)		