

Enhance workflow the compact way

Philips PCR Eleva Compact system

Use PCR Eleva Compact to digitize your conventional X-ray room. This way, you will accelerate your processes all along the digital image chain and can devote more time to your patients. The system's compact, single-slot reader allows a throughput of up to 55 plates per hour. Employ the PCR Eleva Compact system for intensive care, trauma and orthopedics as well as general X-ray and dental exams. The advantages of PCR Eleva Compact are powered by Philips' Eleva user interface and the image processing software UNIQUE.

Key advantages

- Single-slot system ideal for smaller facilities with moderate volume
- Consistent, excellent image quality thanks to UNIQUE image processing
- Automated and customizable workflow with the PCR Eleva workspot



PCR Eleva Compact system highlights

Thanks to its harmonized UNIQUE image quality, you will add a vital piece to your diagnostic security with the PCR Eleva Compact system. It also includes the Eleva workspot, streamlining your workflow.

Take viewing to the next level

UNIQUE image processing combines outstanding image dynamics with superb detail contrast. To make the technologist's job even more comfortable, PCR Eleva Compact is also equipped with advanced viewing features which include full screen display, free image rotation and easy ranging to highlight bones or soft tissue. What's more, PCR and direct radiography (DR) image impressions are harmonized, providing a valuable basis for confident diagnoses.

Accelerate with Eleva

For each PCR Eleva Compact reader you have a customized, one-touch workflow. Various automated procedures such as shuttering, rotation, mirror, export,

stitching and print speed up the workflow. All digital radiography systems from Philips incorporate the Eleva concept – which leverages staff training time and promotes intuitive handling, allowing you to focus on your patients. Eleva can also be seamlessly integrated into your Philips iSite PACS.

PCR Eleva Compact - your system of choice

PCR Eleva Compact is compact in size and throughput. These characteristics make it especially suitable for moderate performance environments. Larger facilities may use it as a backup solution. Either way, the PCR Eleva Compact reader is designed for a one-reader-perroom workflow.



Intuitive and easy to use: the Eleva user interface

The PCR Eleva Compact system comprises

- A single-slot image plate reader PCR Eleva Compact
- Keyboard and mouse
- Eleva user interface software including UNIQUE image processing
- 19" LCD color touch screen monitor or LCD color non-touch monitor

PCR Eleva Compact – a compact, single-slot system

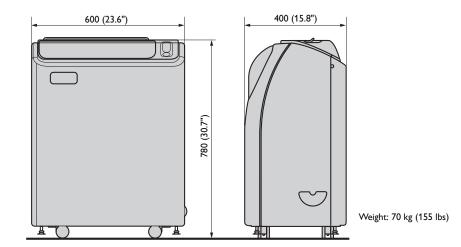


PCR Eleva Compact image plate reade				
Plate throughput	Up to 55 plates/h (18 x 24 cm), see table on pa	ge 4		
Cassette release	65 to 101 s, depending on cassette size			
Scanning resolution	100 μm or 200 μm			
	(200 µm through software re-sizing)			
Read function	12 bit analog/digital conversion of information			
Erase function	Exposure-dependent erasure of residual inform	nation on the imaging plate using white light		
Eleva workspot				
Hard disk	≥250 GB for system software and for intermediate storage of raw and processed image data			
	(approx. 16.000 images)			
RAM storage capacity	≥2*2 GB			
Patient data input	Hardware keyboard	RIS connection		

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	Software keyboard				
Interfaces	Serial interfaces	Interface for a printer			
	 Keyboard and mouse ports 	USB interfaces			
	• Ethernet 10/100/1000 Mbit/s				
Software	Eleva user interface software incl. UNIQUE image processing				
Optional Software	DICOM and Classic RIS connection (Worklist management), DICOM MPPS, DICOM Image				
	Export, DICOM Print, Automatic image stitching, Clinical Quality Control incl. Reject				
	analysis, DICOM Media, iSite integration				
Optional Hardware	rdware 19" LCD color touch screen monitor, LCD color non-touch monitor, Wallmount kit for				
	workspot, mShield (network security)				

PCR Eleva Compact

All dimensions in mm (inches)



Size	Application	Pixel matrix	Resolution	Throughput ²	Cassette release
			(pixel/mm)	(plates/h)	time² (seconds)
35 x 43 cm	General radiography	3520 x 4280	10	35	101
35 x 35 cm	General radiography	3520 × 3520	10	40	90
24 x 30 cm	General radiography	2364 x 2964	10	43	82
18 x 24 cm	General radiography	1770 × 2370	10	55	65
10" x 12"	General radiography	2505 × 3015	10	43	82
8" x 10"	General radiography	2000 x 2510	10	52	68
15 x 30 cm	Dental imaging	1464 × 2964	10	43	82
24 x 57 cm	Orthopedics	2364 x 2964 ¹	10	43¹	82¹
(2 plates 24 x 30 cm)					
35 x 84 cm	Orthopedics	3520×4280^{1}	10	35¹	101¹
(2 plates 35 x 43 cm)					
35 x 102 cm	Orthopedics	3520×3520^{1}	10	40¹	90¹
(3 plates 35 x 35 cm)					
35 x 124 cm	Orthopedics	3520 x 4280 ¹	10	35¹	101¹
(3 plates 35 x 43 cm)					
10" x 23"	Orthopedics	2505 x 30151	10	43 ¹	82 ¹
(2 plates 10" x 12")					

¹ Per plate.

Please visit us at www.philips.com/Computed_Radiography



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² Throughput and cassette release time are approximate measurements.