

CrystalViewer

For Mammography



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Ideal system for mammography evaluations. The CrystalViewer enhances productivity by allowing the radiologist to adjust luminance to the intensity needed for each image's density. The motorized vertical shade spans the width of each light box, eliminating the problem of light leakage that occurs between divided shade systems. Each vertical shade has two programmable settings.

The CrystalViewer's dual independent belt system allows one belt to move while the other remains stationary. Thus, the radiologist can scroll through an unlimited number of the patient's earlier films while current mammograms remain constantly in view. The two 100-frame belts combine for up to 800 films (24 x 30 cm).

Easy to learn and control. The CrystalViewer's digital control panel has been arranged for intuitive use. It includes belt action controls, Previous/Next buttons, buttons for adjusting luminance and the vertical shades, and a Liquid Crystal Display. The integrated keypad provides a quick, efficient method for reading films that are not placed sequentially on the viewer. The LCD shows at-a-glance status of the luminance setting and belt position. The standard Foot Switch provides a hands-free method of frame control. A unique RS232 interface is incorporated for upgrading to CAD.

Specifications

Product Number	08-00972
Luminance	Exceeds ACR recommendations for reading mammography
Dimming	5 positions
Lamps	4 – 48-inch daylight fluorescent lamps per light panel; 40 Watts each
Viewing format	4-over-4 (24 x 30 cm); 6-over-6 (18 x 24 cm)
Viewing area (WxH)	102 x 30 cm (40 x 12 inches) per belt
Films	
Transport mechanisms	2 single-tier, horizontal belts; 100 frames per belt
Capacity, total	800–24 x 30 cm; 1,200–18 x 24 cm
Masking	
Vertical	One motorized shade (per tier); programmable preset positions
Horizontal	Two manual shutters (left and right) per tier
Frame access	
Next/Prior	Standard buttons
Specific Frame Access	Numeric keypad integrated with control panel
Dimensions, in inches	
Shipping (WxHxD)	62 x 62.5 x 30, including casters
Operating (WxHxD)	62 x 62.5 x 42, including casters
Desk (WxHxD)	40 x 29 x 12
Depth of leg space	21
Weight	615 lbs.
Electrical	117 VAC, 60 Hz, 10 Amps
	Convenient 1 Amp (MAX) Accessory outlet
Color Temperature Rating	6,500 K
Maximum Heat Output	2,870 BTU/hr

