

# Radiography and Mammography Viewing Systems



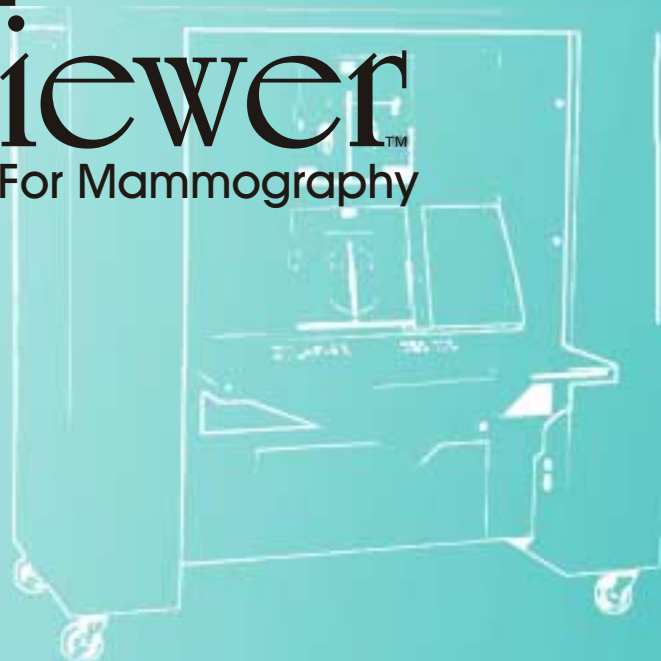
**S&S RADX**

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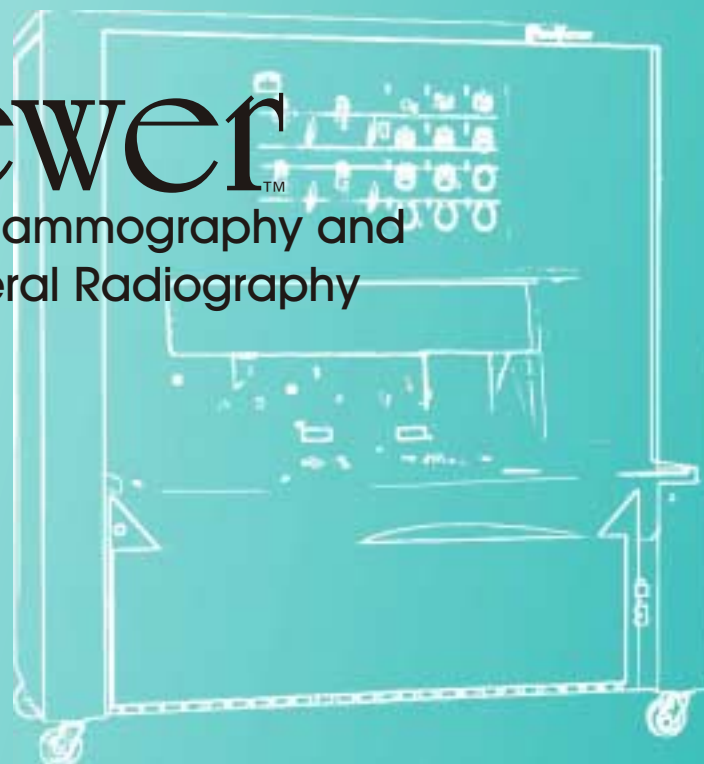
# Crystal Viewer™

For Mammography



# Flexi Viewer™

For Mammography and  
General Radiography





# Crystal Viewer

For Mammography

- 3,100 to 8,000 Nit\* adjustable range with 5 dimming levels
- Minimum luminance at 3,100 Nit
- Peak luminance at 8,000 Nit
- Maintains 7,500 Nit for 8+ hours
- Supports up to 800 films (24 x 30 cm)
- Enhances productivity by allowing the radiologist to adjust luminance to the intensity needed for each image's density as well as to the ambient light level in the reading room
- Reduces radiologist's eyestrain and fatigue
- Ensures viewer exceeds ACR recommendations, even when dimmed to lowest level of luminance
- Supports viewing in rooms with high ambient light levels
- Provides luminance for reading dense images
- Temperature-stability eliminates concern that light level will "drop off" throughout the day
- Reduces downtime since viewer doesn't need to be loaded as often as those with less film capacity

## To Make Film Interpretation Easier...

- Two independent belts
- Continuous motorized vertical shade in each tier
- Rapid frame centering
- 21 inches of leg room
- Unique lighting system
- Allows radiologist to keep the current films in view while scrolling through previous studies
- Eliminates light leakage that occurs between divided shades
- Provides increased contrast via the sharp edge on the shade
- Reduces the time required to center the selected frame at the appropriate reading position
- Enhances radiologist comfort when sitting for long periods because legs can be stretched out
- Provides greater uniformity of luminance (no dividers or baffles)

\*Nit = Cd/m<sup>2</sup>



# FlexiViewer

For Mammography and  
General Radiography

- Supports 400 large general radiographs, 600+ mammograms, or any combination of both
- 3,100 to 6,000 Nit adjustable range with 5 dimming levels
- Supports those imaging centers with tight floor space and/or budgets who need one viewer but read multiple film sizes
- Increases usage time since the viewer doesn't need to be loaded as often as those with less film capacity
- Eliminates the need for special belts or adjustments to view films of different sizes
- Supports mammography reading by exceeding ACR recommendations
- Enhances productivity by allowing the radiologist to adjust luminance for each image's density as well as to the ambient light level in the reading room
- Reduces radiologist's eyestrain and fatigue



Digital control panel includes an LCD to indicate current frame position.

- Integrated keypad for random frame selection
- Provides a quick, efficient method for reading films that are not placed sequentially on the viewer
- Eliminates the need for the radiologist to read films in a particular order
- Previous / Next buttons
- Enhance radiologist's ability to read cases sequentially

# Specifications

	<b>CrystalViewer</b>	<b>FlexiViewer</b>
Part Number	08-00972	08-00976
Luminance (Nit*)		
Peak	8,000	6,000
Minimum	3,100	3,100
Dimming	5 levels	5 levels
Lamps	4 Daylight fluorescent lamps per light panel	6 Daylight fluorescent lamps per light panel
Viewing format	4-over-4 (24 x 30 cm) 6-over-6 (18 x 24 cm)	4-over-4 (14 x 17 inch) 6-over-6 (24 x 30 cm) 8-over-8 (18 x 24 cm) 57 x 34 inches
Viewing area (WxH)	40 x 24 inches	57 x 34 inches
Film belts	2 single-tier, horizontal; 100-frame belts	2 single-tier, horizontal; 50-frame belts
Film capacity, total	800 (24 x 30 cm) 1,200 (18 x 24 cm)	400 (14 x 17 inch) 600 (24 x 30 cm) 800 (18 x 24 cm)
Masking		
Vertical	One continuous motorized shade per tier; 2 programmable positions	One continuous motorized shade per tier; 2 programmable positions
Horizontal	Two manual shutters (left and right) per tier	Two manual shutters (left and right) per tier
Frame Access		
Next/Prior	Integrated with control panel	Integrated with control panel
Numeric entry	Keypad integrated with control panel	Keypad integrated with control panel
Dimensions, <i>in inches</i>		
Shipping (WxHxD)	62 x 62.5 x 30, including casters	69 x 74 x 30, including casters
Operating (WxHxD)	62 x 62.5 x 42.5, including casters	69 x 74 x 41.5, including casters
Desk (WxHxD)	39.75 x 28.75 x 12	57 x 29.75 x 12
Depth of leg space	21	21
Weight	615 lbs.	740 lbs.
Certifications/Listing	UL and Canadian UL	UL and Canadian UL

## Accessories & Options

<b>CoolBrite™</b>	<ul style="list-style-type: none"> <li>Enhances reading with a high-intensity light (18,000 Nit)</li> <li>Reduces clutter with its small footprint</li> <li>Eliminates undesirable heat that is characteristic of incandescent "hot lights"</li> <li>Models with adjustable aperture or without</li> </ul>	08-00923 or 08-00928
<b>CrystalFile™</b>	<ul style="list-style-type: none"> <li>Increases desk space by 74 percent</li> <li>Aids in organizing reading area with a storage drawer and space for film jacket files</li> <li>Fits individual work environments since it can be made for left or right side of viewer</li> <li>Meets tight space requirements since it stays within the width of the viewer</li> </ul>	08-00980L or 08-00980R
<b>Film Jacket File (CrystalViewer)</b>	<ul style="list-style-type: none"> <li>Installed above viewer</li> <li>Organizes work space by storing film jacket files</li> </ul>	08-00982
<b>Film Jacket File (FlexiViewer)</b>	<ul style="list-style-type: none"> <li>Installed below viewer</li> <li>Organizes work space by storing film jacket files</li> </ul>	08-00719
<b>Foot switch</b>	<ul style="list-style-type: none"> <li>Provides hands-free belt advancement</li> </ul>	20-00007
<b>Panoscope™</b>	<ul style="list-style-type: none"> <li>Magnifies image detail while eliminating extraneous light;</li> <li>2+ or 3.5+ Diopter lenses</li> </ul>	08-00907 or 08-00936
<b>Instrument Mounting Arms</b>	<ul style="list-style-type: none"> <li>Increase work space by moving equipment off the desk</li> <li>Fit work area needs: choose from fixed or pivoting arm and right or left-side mounting</li> </ul>	08-00985 or 08-00986

\*Nit = Cd/m<sup>2</sup>



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## Models MS614A MS614B-HL

### Best system for multi-year evaluations.

The MS614 Series provides a unique independent belt system that 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 this year's mammograms remain constantly in view. The viewer also supports motorized vertical shades that can be programmed for pre-defined positions for efficiency in viewing a specific film.

### Don't be fooled by the compact size of

**this viewer.** The MS614 series can be upgraded to an 800-film capacity, thus ensuring that busy and high-volume radiologists won't spend their time waiting for the next set of films to be loaded.

**Film density is not a problem.** Many recent mammography film types have increased in density. To support this difference, the MS614B-HL supports a wider range of luminance output. Thus, radiologists can view any type of film, from dense to light, simply by increasing or decreasing the viewer's luminance.

**It's more than serviceable.** The MS614 series is small and lightweight for ease of movement. Even better, it's easy to install and service.



Shown with Optional AutoSelect and CoolBrite on Pivot Arm

### Specifications

	MS614A	MS614B-HL
Product Number	08-00941	08-00942
Peak Luminance	>3000 Nit	>9000 Nit
Color Temperature	6300 K	6300 K
Maximum Heat Output	4000	4800
Flourescent Dimming	5 Positions	5 Positions
Film Capacity (Standard)	480 24x30 cm	480 24x30 cm
Film Capacity (Optional)	600 or 800 24x30cm	600 or 800 24x30cm
Vertical Masking	4 Motorized Shades	4 Motorized Shades
Horizontal Masking	4 Manual Shutters	4 Manual Shutters
Operating Dimensions	52"W x 62.5"H x 42"D	52"W x 62.5"H x 42"D
Shipping Dimensions	52"W x 62.5"H x 30"D	52"W x 62.5"H x 30"D
Certifications/Listings	UL and Canadian UL	UL and Canadian UL

See page 2.4 for additional specifications, available options, and model comparisons.

## Model MS780A

**Three years of films at once.** The MS780 single-belt system is wide enough to present 12 24 x 30 cm mammography films concurrently. Thus, the radiologist can comfortably view three years of film without ever changing belt frames.

**At your fingertips.** The control panel includes Next and Prior buttons to ensure the radiologist can quickly and efficiently screen films.



### Specifications

Product Number	08-00921
Peak Luminance	>3000 Nit
Color Temperature	6300 K
Maximum Heat Output	3600
Film Capacity (Standard)	780 24 x 30 cm
Flourescent Dimming	5 Positions
Vertical Masking	2 Motorized Shades
Horizontal Masking	2 Manual Shutters
Operating Dimensions	69"W x 62.5"H x 42"D
Shipping Dimensions	69"W x 62.5"H x 30"D
Certifications/Listings	UL and Canadian UL

### MS780A

*See page 2.4 for additional specifications, available options, and model comparisons.*

## Model MS804A

### MS804A-HL

#### Perfect for high-volume screening

**centers.** The MS804A provides a cost-effective solution for high-volume centers. The single-belt system supports an 800-film capacity in a 4-over-4 format, thus ensuring that radiologists won't spend extra time waiting for film to be loaded/unloaded.

**At your fingertips.** The control panel includes Next and Prior buttons to ensure the radiologist can efficiently screen films. Four motorized vertical and two manual horizontal shades provide quick film masking.



#### Specifications

Product Number  
Peak Luminance  
Color Temperature  
Maximum Heat Output  
Flourescent Dimming  
Film Capacity (Standard)  
Vertical Masking  
Horizontal Masking  
Operating Dimensions  
Shipping Dimensions  
Certifications/Listings

#### MS804A

08-00722  
>3000 Nit  
6300 K  
2800  
5 Positions  
800 24x30 cm  
4 Motorized Shades  
2 Manual Shutters  
52"W x 62.5"H x 40"D  
52"W x 62.5"H x 30"D  
UL and Canadian UL

#### MS804A-HL

08-00931  
>8000 Nit  
6300 K  
3600  
10 Positions  
800 24x30 cm  
4 Motorized Shades  
2 Manual Shutters  
52"W x 62.5"H x 40"D  
52"W x 62.5"H x 30"D  
UL and Canadian UL

*See page 2.4 for additional specifications, available options, and model comparisons.*

## Mammoscope Model and Feature Comparison

<b>Models</b>	<b>MS614A</b>	<b>MS614B-HL</b>	<b>MS780A</b>	<b>MS804A</b>	<b>MS804A-HL</b>
Product Number	08-00941	08-00942	08-00921	08-00722	08-00931
Max. Film Size	24cm x 30cm	24cm x 30cm	24cm x 30cm	24cmx30cm	24cmx30cm
Std. Film Capacity	480	480	780	800	800
Optional Capacity	600 or 800	600 or 800	N/A	N/A	N/A
Peak Luminance (Nit)	>3000	>9000	>3000	>3000	>8000
LampSaver System	Standard	Standard	Standard	Standard	Standard
Vertical Shades	4 Automatic	4 Automatic	2 Motorized	4 Motorized	4 Motorized
Horizontal Shutters	4 Manual	4 Manual	2 Manual	2 Manual	2 Manual
Viewing Format	4 over 4	4 over 4	6 over 6	4 over 4	4 over 4
Film Belts	2 Single-Tier	2 Single-Tier	1 Double-Tier	1 Double-Tier	1 Double-Tier
Frame Advance	N/A	N/A	Standard	Standard	Standard
Ergonomic Desk (with relief cut)	Standard	Standard	Optional	Optional	Optional
Foot Switch	Optional (2)	Optional (2)	Optional (1)	Optional (1)	Optional (1)
AutoSelect System	Optional	Optional	Optional	Optional	Optional
Film Jacket File	Optional	Optional	Optional	Optional	Optional
Instrument Mounting Arm-Fixed	Optional	Optional	Optional	Optional	Optional
Instrument Mounting Arm-Pivot	Optional	Optional	Optional	Optional	Optional
Operating Dimensions: W"XD"XH"	52 x 62.5 x 42	52 x 62.5 x 42	69 x 62.5 x 42	52 x 62.5 x 40	52 x 62.5 x 40
Shipping Dimensions: W"XD"XH"	52 x 62.5 x 30	52 x 62.5 x 30	69 x 62.5 x 30	52 x 62.5 x 30	52 x 62.5 x 30
Shipping Weight (lbs.)	660	660	750	600	600
Maximum Current (Amps)	8.6	9.7	8.1	6.9	8.1
Maximum Heat Output (BTU/Hr)	4000	4800	3600	2800	3600

## Options Available on Mammoscope Models

<b>Options</b>	<b>MS614A</b>	<b>MS614B-HL</b>	<b>MS780A</b>	<b>MS804A</b>	<b>MS804A-HL</b>
Foot Switch	✓	✓	✓	✓	✓
AutoSelect	✓	✓	✓	✓	✓
Film Jacket File (top mount)	✓	✓	✓	✓	✓
Instrument Arm-Fixed	✓	✓	✓	✓	✓
Instrument Arm-Pivot	✓	✓	✓	✓	✓
Increased Capacity (600 films)	✓	✓	—	—	—
Increased Capacity (800 films)	✓	✓	—	—	—

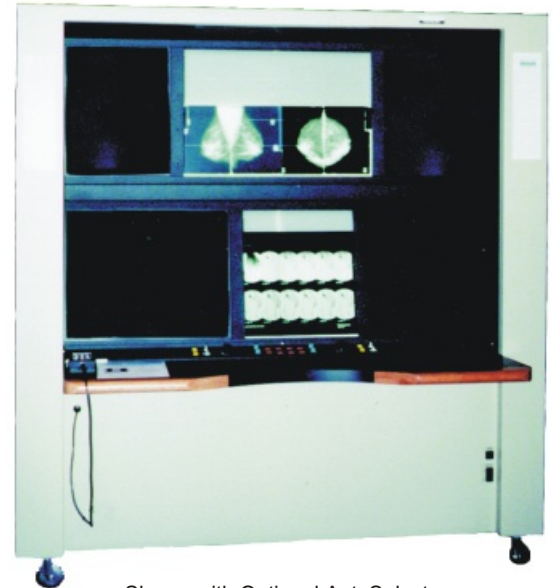
## Model MV4000AM

### When you want to screen mammography, too.

The belts on the MV4000AM have attachment mechanisms to support a wide variety of films, from 14 x17-inch to 24 x 30-cm; thus, the radiologist can review mammograms as well as general radiographs. Also, the middle four panels meet ACR's mammography recommendations with increased luminance and motorized shades for efficient masking. The curved desk allows the radiologist to comfortably move in for close-range viewing.

**Best system for multi-year evaluations.** The viewer provides a uniquely independent belt system that 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 films remain constantly in view. The belts support up to 400 14x17-inch films.

**Improving radiologist efficiency.** The optional AutoSelect System adds the ability to quickly move to a different frame, while the optional foot switch provides "hands-free" belt movement.



Shown with Optional AutoSelect

### Specifications

Product Number	08-00965
Peak Luminance	>3500 Nit
Color Temperature	6300 K
Flourescent Dimming	5 Positions
Film Capacity (Standard)	400 14" x 17"
Vertical Masking	4 Motorized Shades
Horizontal Masking	4 Manual Shutters
Operating Dimensions	69"W x 74"H x 41.5"D
Shipping Dimensions	69"W x 74"H x 30"D
Certifications/Listings	UL and Canadian UL

### MV4000AM

## Cross-Format Model Features

<b>Model</b>	<b>MV4000AM</b>
Product Number	08-00965
Max. Film Size	14" x 17"
Std. Film Capacity	400
Peak Luminance (Nit)	> 3500
LampSaver System	Standard
Vertical Shades	4 Motorized
Horizontal Shutters	4 Manual
Viewing Format	4-Over-4
Film Belts	2 Single-Tier
Ergonomic Desk (with relief cut)	Standard
Foot Switch	Optional (2)
AutoSelect System	Optional
Film Jacket File	Optional
Instrument Mounting Arm-Fixed	Optional
Instrument Mounting Arm-Pivot	Optional
Operating Dimensions: W"xH"xD"	69 x 74 x 41.5
Shipping Dimensions: W"xH"xD"	69 x 74 x 30
Shipping Weight (lbs.)	950
Max. Current (Amps)	10
Maximum Heat Output (BTU/Hr)	4400

## Options Available on Cross-Format Viewer Model

<b>Options</b>	<b>MV4000AM</b>
Foot Switch	✓
AutoSelect	✓
Film Jacket File (Bottom Mount)	✓
Film Jacket File (Top Mount)	✓
Instrument Arm-Fixed	✓
Instrument Arm-Pivot	✓
Movable BrightLight (Internal)	—
Film-Activated Lamp Switches	—

## Model MV4000A

### Excellent system for multi-study

**evaluations.** The MV4000A provides a unique independent belt system that 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 the current radiograph remains constantly in view.

**Improving radiologist efficiency.** The viewer supports motorized vertical shades in the center panels for efficiency in viewing a specific film. The optional AutoSelect System adds the ability to quickly move to a different frame, while the optional foot switch provides "hands-free" belt movement.



Shown with Optional Accessories

### Specifications

Product Number	<b>MV4000A</b> 08-00704
Peak Luminance	>3400 Nit
Color Temperature	6300 K
Maximum Heat Output	4000
Flourescent Dimming	5 Positions
Film Capacity (Standard)	400 14" x 17"
Vertical Masking	4 Motorized Shades
Operating Dimensions	69"W x 74"H x 41.5"D
Shipping Dimensions	69"W x 74"H x 30"D
Certifications/Listings	UL and Canadian UL

*See page 4.5 for additional specifications, available options, and model comparisons.*

## Model MV3200A

**Perfect for Emergency Rooms and low-volume centers.** The MV3200A is a single-belt system that holds up to 200 14 x 17-inch films, and has a conveniently located storage bin for film jackets. This viewer is a cost-effective solution for emergency rooms and low-volume imaging centers.

**Improving radiologist efficiency.** The viewer supports motorized vertical shades in the center panels for efficiency in viewing a specific film. The optional AutoSelect System adds the ability to quickly move to a different frame, while the optional foot switch provides "hands-free" belt movement.



Shown with Optional Foot Switch

### Specifications

	<b>MV3200A</b>
Product Number	08-00914
Peak Luminance	>3400 Nit
Color Temperature	6300 K
Maximum Heat Output	2000
Flourescent Dimming	5 Positions
Film Capacity (Standard)	200 14" x 17"
Vertical Masking	2 Motorized Shades
Operating Dimensions	69"W x 74"H x 41.5"D
Shipping Dimensions	69"W x 74"H x 30"D
Certifications/Listings	UL and Canadian UL

*See page 4.5 for additional specifications, available options, and model comparisons.*

## Model MV3000A

### Perfect for Emergency Rooms and low-

**volume centers.** The MV3000A combines a single-belt motorized viewer with a stationary illuminator as a cost-effective solution for emergency rooms and low-volume imaging centers. As such, the viewer can store and quickly recall up to 200 14x17-inch films, while the illuminator provides comparative viewing of four films. With this unique combination, the radiologist can scroll through an unlimited number of the patient's earlier films while this year's remain constantly in view.

**Improving radiologist efficiency.** The optional AutoSelect System adds the ability to quickly move to a different frame, while the optional foot switch provides "hands-free" belt movement.



Shown with Optional Accessories

### Specifications

Product Number	08-00703
Peak Luminance	>3400 Nit
Color Temperature	6300 K
Maximum Heat Output	2800
Flourescent Dimming	5 Positions
Film Capacity (Standard)	204 14" x 17"
Vertical Masking	2 Motorized Shades
Operating Dimensions	69"W x 74"H x 41.5"D
Shipping Dimensions	69"W x 74"H x 30"D
Certifications/Listings	UL and Canadian UL

### MV3000A

*See page 4.5 for additional specifications, available options, and model comparisons.*

## Model MV200DT

### MV200DVS

**A compact, full-service viewer.** The MV200DT is small enough to sit on a desktop, yet capable of displaying up to 200 14x17-inch films. Due to its small footprint, this motorized viewer can be sited in Emergency Rooms, Intensive Care Units or cramped reading rooms.

The MV200DVS is a modified version of the MV200DT. This system can be incorporated into the S&S Digital Viewing Station as part of a unique PACS viewing solution, allowing the physician to view hard- and soft-copy images simultaneously.

**Improving radiologist efficiency.** The MV200DT utilizes motorized vertical shades in the center panels for efficiency in viewing various film sizes. Optional to both the MV200DT and MV200DVS, the AutoSelect system adds the ability to quickly move to any selected frame, which helps to optimize consultations with attending physicians. Another option, the foot switch, provides the capability of "hands-free" belt movement.



#### Specifications

	<b>MV200DT</b>	<b>MV200DVS</b>
Product Number	08-00723	08-00925
Peak Luminance	>3400 (Nit)	>3400 (Nit)
Color Temperature	6300 K	6300 K
Maximum Heat Output	2000	2000
Film Capacity (Standard)	200 14" x 17"	200 14" x 17"
Vertical Masking	2 Motorized Shades	N/A
Operating Dimensions	67"W x 29"H x 27"D	67"W x 26"H x 27"D
Shipping Dimensions	67"W x 29"H x 27"D	67"W x 26"H x 27"D
Certifications/Listings	UL and Canadian UL	UL and Canadian UL

*See page 4.5 for additional specifications, available options, and model comparisons.*

## Panoramascope Model and Feature Comparison

<b>Model</b>	<b>MV4000A</b>	<b>MV3200A</b>	<b>MV3000A</b>	<b>MV200DT</b>	<b>MV200DVS</b>
Product Number	08-00704	08-00914	08-00703	08-00723	08-00925
Max. Film Size	14" x 17"	14" x 17"	14" x 17"	14" x 17"	14" x 17"
Std. Film Capacity	400	200	204	200	200
Peak Luminance (Nit)	> 3400	> 3400	>3400	> 3400	> 3400
LampSaver System	Standard	Standard	Standard	Standard	Standard
Vertical Shades	4 Motorized	2 Motorized	2 Motorized	2 Motorized	Not Available
Horizontal Shutters	N/A	N/A	N/A	N/A	N/A
Viewing Format	4-Over-4	4-Across	4-Over-4	4-Across	4-Across
Film Belts	2 Single-Tier	1 Single-Tier	1 Single-Tier	1 Single-Tier	1 Single Tier
Ergonomic Desk (with relief cut)	Optional	Optional	Optional	Not Available	Not Available
Foot Switch	Optional (2)	Optional (1)	Optional (1)	Optional (1)	Optional (1)
AutoSelect System	Optional	Optional	Optional	Optional	Optional
Film Jacket File	Optional	Standard	Optional	Optional	Optional
Instrument Mounting Arm-Fixed	Optional	Optional	Optional	Optional	Optional
Instrument Mounting Arm-Pivot	Optional	Optional	Optional	Optional	Optional
Operating Dimensions: W"xH"xD"	69 x 74 x 41.5	69 x 74 x 41.5	69 x 74 x 41.5	67 x 29 x 27	67 x 26 x 27
Shipping Dimensions: W"xH"xD"	69 x 74 x 30	69 x 74 x 30	69 x 74 x 30	67 x 29 x 27	67 x 26 x 27
Shipping Weight (lbs.)	940	820	820	500	500
Max. Current (Amps)	8.9	6	7.2	6	6
Maximum Heat Output (BTU/Hr)	4000	2000	2800	2000	2000

## Options Available on Panoramascope Models

<b>Options</b>	<b>MV4000A</b>	<b>MV3200A</b>	<b>MV3000A</b>	<b>MV200DT</b>	<b>MV200DVS</b>
Foot Switch	✓	✓	✓	✓	✓
AutoSelect	✓	✓	✓	✓	✓
Film Jacket File (Bottom Mount)	✓	✓	✓	—	—
Film Jacket File (Top Mount)	✓	✓	✓	✓	✓
Instrument Arm-Fixed	✓	✓	✓	✓	✓
Instrument Arm-Pivot	✓	✓	✓	✓	✓
Movable BrightLight (Internal)	✓	✓	✓	✓	✓
Film-Activated Lamp Switches	—	—	✓	—	—

## Foot Switch

### Model Number 20-0007

The Foot Switch module enables hands-free operation of the film transport system on RADX Motorized Viewers. The momentary action of the switch drives the film belt at low speed (like the manual travel switch), allowing the film belt to be stopped in any position for optimal viewing flexibility.



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## AutoSelect

### Model Number 08-00059

The AutoSelect is an optional handheld control system for any RADX Motorized Viewer. Its numeric keypad and display system allow quick, easy access to patient films. The AutoSelect provides an added level of efficiency and productivity to motorized film viewing, whether the radiologist prefers numeric entry, single-frame indexing keys (Next and Prior), momentary jog keys, or a Store/Recall feature.



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## Instrument Mounting Arms

When mounted to the frame of a motorized viewer, the Instrument Mounting Arm reduces workspace clutter and positions the needed device at a convenient, adjustable location. Standard versions of these arms support such ancillary devices as the RADX CoolBrite Illuminator or a dictaphone.

### Pivot Arm

#### Model Number 08-00718

In addition to height, tilt, and rotation adjustments, a joint at the base of the Pivot Arm allows it to pivot at the point of attachment to the viewer, giving the user maximum control of the viewing position and distance.

### Fixed Arm

#### Model Number 08-00717

The Fixed Arm provides adjustments for height, tilt, and rotation of the attached device.



Shown with CoolBrite  
(see page 5.3)

## Belt Changer

**Model Number 08-00904**

By supporting the weight of the film belt and providing the necessary "spooling" action, the Belt Changer greatly simplifies the process of installing a new film belt on a motorized viewer. The risk of belt damage during installation is practically eliminated and the detachable hand crank makes quick work of removing the old belt in a neat and orderly manner.



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## Panoscope

**Image Magnifier**

**2+ Diopter 08-00907**

**3.5+ Diopter 08-00936**

Especially valuable for mammography viewing, the *Panoscope* magnifies image detail while eliminating extraneous light. Available with 2+ or 3.5+ Diopter lenses.



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## NitMeter

**Illuminance Meter**

**Model Number 08-00908**

The RADX NitMeter provides a method of measuring both viewer luminance (nit) and room ambient illuminance (lux) in a single instrument. The calibrated scale provides simple operation and assures radiologists that their viewing systems are in conformance with these 1999 American College of Radiology (A.C.R.) recommendations\*:



1. "Viewboxes used for interpreting mammograms and clinical quality review by the technologist should be capable of at least 3,000 candela per square meter (cd/m<sup>2</sup>)."
2. "The illumination levels should be 50 lux, or preferably less."

\* 1999 A.C.R. mammography quality control manual

## CoolBrite High Intensity Illuminators

The CoolBrite Illuminator from RADX is a unique, high-intensity illuminator designed for viewing dense film areas. Using a specially designed lamp and electronics, the CoolBrite produces very high luminance, without the undesirable heat that is characteristic of "hot-lights". Measuring 8" wide, 13" long, and 2.75" high and weighing approximately 4 lbs., these illuminators are extremely portable and can be placed on a desktop, mounted to a wall, or attached to an articulated instrument-mounting arm for optimum convenience.

### Model CB-4i

#### Model Number 08-00923

Luminance: 18,000 Nit  
Aperture: 0.7" to 4.4" Diameter (adjustable)  
Footswitch Operation Standard  
Film Activated Operation Standard  
Automatic Time-Out Feature (2 min.)  
Weight: 5.2 lbs.



### Model CB-3

#### Model Number 08-00928

Luminance: 18,000 Nit  
Aperture: 4.4" Diameter  
Footswitch Operation Standard  
Film Activated Operation Standard  
Automatic Time-Out Feature (2 min.)  
Weight: 4.8 lbs.



## Film Jacket File

### Lower Mount File (MV-3 and MV-4 models only)



#### **Model Number 08-00719 Field Installed 08-00719 Factory Installed**

RADX MV-Series motorized viewers (except the MV200DT) are available with the internally-mounted lower film jacket file that has 25 slots for film jackets. Due to the height of the MV-Series viewers, many users find the height of the lower file more convenient and accessible than top-mounted files. To maximize leg room and close-proximity film viewing, lower film jacket files are not available on Mammoscope models.

### Top Mount File (MV and MS models)



#### **Model Number 08-00934**

#### **Model Number 08-00713 Field Installed 08-00713 Factory Installed**

#### **Model Number 08-00726 Field Installed 08-00726 Factory Installed**

Excellent as an addition or alternative to the lower file, the top-mounted film jacket file, which has 25 slots for film jackets, can be utilized for increased storage of film jackets, reports, films, documentation, etc. The upper file is more visible than the lower file and is accessible without bending or reaching below the desktop of the viewer.