

MammoMask®



NEW ILLUMINATORS FOR MAMMOGRAPHY

The Choice of Dedicated Specialists...

The all new MammoMask® illuminators reflect more than two decades of experience with innovative mammography viewing systems. Three models have been redesigned to yield the most uniform viewing surfaces available plus much higher luminance. The new units measure within a 5 to 10% variation (DIN6856 standard) to provide homogeneous viewing conditions for each film whether it is read in the center or at the periphery.

The MammoMask 12 accommodates two tiers of both size mammo film with fully collimating shutters, a dimmer to match the light level with film density, and a glass viewing surface to avoid the scratches which appear with plastic.

Thousands of our users appreciate how these systems have enhanced the observer's visual acuity. MammoMask illuminators have incorporated the features cited in ACR's guidelines and MQSA regulations on viewing conditions and have helped Broadwest establish the largest installed base of fully masking illuminators in the U.S. Visit broadwest.com for a list of MammoMask users, expanded specifications and pricing.




DIAGNOSTIC VIEWING CONDITIONS

TECHNICAL CHARACTERISTICS

- ▶ Welded sheet metal cabinet with powder coated paint.
- ▶ Viewing surface: Glass secured by anodized aluminum frame on front panel.
- ▶ Light source: straight, high luminance daylight fluorescent lamps, color temperature > 6500° Kelvin.
- ▶ Uniformity: new generation design for extremely even luminance level over entire viewing surface (DIN6856 protocol.)
- ▶ Masking shutters: four independent shutters to cover entire viewing surface, black fiberglass-reinforced textile.
- ▶ Wall-mounted with two keyholes on back of cabinet or desktop with optional metal supports (cabinet base has four threaded holes at corners.)
- ▶ Diffusing panel: acrylic, semi-translucent diffuser, 3mm thick.
- ▶ Film grips: chromed metal rollers.
- ▶ Adjustable nylon wire to secure small format films.
- ▶ Luminance control: electronic dimmer (approximately 50% range.)
- ▶ Power cordset: push on cable with grounded three-prong plug affixes to bottom, right hand side of unit, on/off rocker switch with EMI (electromagnetic interference) filter.
- ▶ Power required: 100-130 VAC, 50/60 Hz, 15 A, standard outlet.


Options :

- ▶ Mobile stand or workstation, viewing canopy, desk-mounted supports. Motorized shutters and adjustable center film grip for MammoMask 12 only.

MammoMask Range	MammoMask Model	Viewing surface area	Unit dimensions			Net weight
			Length	Height	Depth	
	MM4	15" x 17 3/4"	24"	28 3/8"	5 1/8"	44 lbs.
	MM 8	28 3/4" x 17 3/4"	40 1/2"	28 3/8"	5 1/8"	73 lbs.
	MM12	42 1/2" x 10 5/8" top & bottom	51 1/2"	34 1/4"	5 1/8"	110 lbs.

MammoMask Model	Maximum film configurations			Number of lamps	Luminance (cd/m ²)	Deviation from uniformity at 4" from borders
	18 x 24cm	24 x 30cm	14" x 17"			
MM4	4	2 across, sides overhang	1	4 x 18w	>5,300	5%
MM8	8	4 across, end films overhang	2	12 x 18w	>7,000	5%
MM12	12	10 5-over-5 overlap	3*	8 x 36w	>5,800	10%

*with adjustable film grip option - MM12A

Packaging	MM Model	Approximate Dimensions	Approximate Weight
	MM4	30 3/4" x 33 3/8" x 12 5/8"	59 lbs.
	MM8	51 5/8" x 33 3/8" x 12 5/8"	101 lbs.
	MM12	58 5/8" x 40 1/4" x 12 5/8"	154 lbs.

Underwriters Laboratory Listed, ULc approved
We reserve the right to modify specifications without prior notice.

Available from dealers throughout North America or contact Broadwest for further information.