

REMSCO MODEL SB-900 or SB-900X SUPER-BRIGHT RADIOGRAPH FILM VIEWER



PERFORMANCE

- Six Tungsten-Halogen Projector Lamps, with Pre-Focused Dichroic Multi-Facet Reflectors, concentrate up to 900 Watts of high temperature light evenly distributed over the entire 4 ½" (13cm) x 17" (41cm) viewing surface. H & D Film densities up to 3.8 may be illuminated to the desired variable intensity thru use of the specially designed solid-state rheostat-type dimmer control.

PORTABILITY

- Case Center-Mounted on Base. • Rotates 360° in 15° Increment Stops.
- Viewing Surface Upward for Operations, Downward for Carrying. • Light Masks Store in Base for Transport. • Power Cord Disconnects at Case. • Footswitch Cordset Disconnects at Case. • Both Cordsets store in Base, or Interior, for Transport.

LIGHT MASKS

- A short Light Mask for blocking out excess lighted area on Viewing Surface when interpreting short film. A 70mm Light Mask for reducing the lighted area on Viewing Surface to accommodate 70mm wide (pipeline) film

CONSTRUCTION

- Case and Base : Hi-Impact Plastic. • Insulation: : ¼" Thick, Rated 2000°F. Fastenings and Exhaust System and Internals: Aluminum, Plastics and Stainless.
- Electrical Components: Standard Materials.

SERVICING

- Front and Rear Wiring connected by Quick-Release Latches. • Front and Rear Wiring Bundles connected by Automatic Electrical Interlock.

SAFETY

- All electrical devices and their mountings are GROUNDED thru connections to the Power Inlet Socket. An AUTOMATIC HIGH TEMPERATURE LIMIT SWITCH turns lights off if internal air temperature reached 125°F. and allows lights to come back ON when internal air temperature lowers to 115°F. Fan failure and Film Protection.

ELECTRICAL

- SB-900: 120 Volts/8 Amps. SB-900X (Export Conversion) : 208-250 Volts / 4 Amps.

COOLING

- Dual Forced Draft Exhaust Fans : 400 CFM (11.2 cu.m). • Air Changes by Volume: 333 Per Minute. • Tempered Heat Absorbent Glass Barrier.

SIZE

- Length: 26.5" (67.3cm). • Width: 7.5" (19.0cm). • Height (Less Handle): 15.0" (38.1cm).

WEIGHTS

- Total Net Weight, Including Footswitch and Power Service Cord: 17 Pounds (7.7kg). Total Shipping Weight : 21.0 Pounds (9.5kg)

NATIONAL STANDARDS COMPLIANCE

REMSCO Radiograph Viewers (illuminators) meet or exceed the requirements of UNITED STATES MILITARY STANDARD 453-C and the AMERICAN SOCIETY FOR TESTING MATERIALS STANDARD GUID E-1390-90. Testing for LUMINANCE (brightness) is performed utilizing Herter & Driffeld film density strips and foot-candle light meters, both of which are certified to requirements of the UNITED STATES NATIONAL INSTITUTE FOR STANDARDS & TECHNOLOGY.