

CoolBlue – Blue Light Transluminator

■ User's Manual



REMOVE PROTECTIVE FILMS BEFORE USE
TURN OFF THE LIGHT AFTER EACH USE

Cool Viewer – B is a blue-light transilluminator which is designed for viewing fluorescent or fluorescently stained/labeled molecules that require a 440-495nm excitation light. The unit comes with a viewing cover and an eye glasses with the cutoff spectrum >515nm.

A. Package Contents:

1) Blue Light box	X1
2) Power supply	X1
3) Viewing filter cover	X1
4) Viewing filter glasses	X1
5) User's manual	X1

B. Specification:

Viewing Area: 12 X 17 cm

Overall Dimensions: 17.5 X 20 X 5 cm

Power Supply: Universal 110V to 220V transformer

Cutoff spectrum: >515 nm (Dark Brown)

Light Lamp Life: 50,000 hours

C. Safety Information

Since Cool Viewer-B is an electrical device, use it with caution. Never touch the power cord or outlet with wet hands. Before handling your gel or sample, appropriate protective gloves should be worn. Unlike UV transilluminator, Blue light is harmless visible light. But as for all visible light, prolong staring at a bright light is not recommended. Use the viewing cover and glasses to protect your eyes.

D. Operating Instruction

1. Place the Cool Viewer-B on a level surface and use a level to ensure its levelness.
2. To visualize the gel, remove the viewing cover and simply place gels or membranes on the blue surface. Be sure gel height is less than 17mm. Put the cover back on the blue surface.
3. Plug the unit into any 110V-240V power jack and turn on the power switch.
4. The DNA or stained molecules should be visible immediately.
5. If needed, Cool Viewer-B can also be used inside an Imager for digital imaging.

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