

LC NDT FV-2010 Plus Portable Film Viewer with Electronic Masking



FV-2010 Plus is designed to meet the needs of Film Examiners requiring a code compliant X-ray Film Viewer:

- NEW Electronic Light Mask
- Allows viewing of long strip films
- Bright enough to view 4.1 Density Film
- Low heat output
- Low noise – fan speed varies with temperature
- 25 year lifespan for LEDs (approximately 50,000 hours!)
- Low power consumption
- Universal Power Supply

The LEDs used in the FV-2010 Plus are very bright (~120,000 candelas/m²) providing a pure (6,000k) white light and a uniform luminance across the full viewer window. The LEDs are rated by their manufacturer to have a life expectancy of 50,000 hours! LEDs use much less electricity and generate significantly less heat than conventional lamps, thus making it better for the environment and more comfortable to use.

The FV-2010 Plus uses a universal low voltage, constant current power supply specifically designed to extend the life of the LEDs. It is supplied with a Dimmer Control that allows you to adjust the intensity from 5% to 100%. A foot switch is also provided.

Instead of multiple hardware masks, the FV-2010 Plus has 6 push button selectable window sizes as shown below (plus one hardware mask to limit the window height to 2.7" (69mm)).



Even Illumination Typical Luminance distribution in Cd/m²

128,000	128,000	130,000	128,000
128,000	129,000	130,000	129,000
127,000	128,000	129,000	128,000

Specifications:

- **Maximum Luminance:** $\geq 120,000$ Cd/m²
- **Uniformity:** $g > 0.95$
- **Diffusion Factor:** $g > 0.95$
- **Viewer Window:** 15.8" x 4" / 400 x 100 mm
- **Surface Temperature Rise:** $\leq 65^{\circ}\text{F} / 18^{\circ}\text{C}$ after 12 hours of continuous maximum luminance
- **Power:** 85 – 264 VAC / 47 – 63 Hz
- **Dimensions:** 23.6" x 3.1" x 6.3" / 600 x 80 x 160 mm
- **Weight:** 8.8 lbs. (4 kg)
- **Warranty:** 5 years parts, 1 year labor

Kit Contains:

- FV-2010 Plus Viewer
- External Mask: 15.8" x 2.7"
- Foot Switch
- Power Supply
- Power Adaptor & Line
- Instruction Manual
- Guarantee & Report
- Warranty Card

Shipping:

- **Weight:** 16 lbs. (7.25 kg)
- **Dimensions:** 26" x 9" x 11" (66cm x 20cm x 28cm)

NDT Supply.com, Inc.
7952 Nieman Road
Lenexa, KS 66214-1560 USA



Warranty

5 Years Parts, 1 Year Labor



(P) 913-685-0675
(F) 913-685-1125

sales@ndtsupply.com
www.ndtsupply.com