

Portable Industrial LED Film Viewer

FV-2009



- ▶ Portable, easy to carry
- ▶ High Luminance
- ▶ Smart design
- ▶ 2 years free service guarantee

MAX. $L \geq 103,000 \text{ Cd/m}^2$ $g=0.95$ $\sigma'=0.95$

Characteristic:

- Luminance : $103,000 \text{ Cd/M}^2$ (323,420Lux)
- Uniformity: 0.9, Diffusion factor: 0.95
- Weight less than 2.5 Kg
- 12 hours continues maximum luminance, Surface temperature rise $\leq 15^\circ\text{C}$
- Unlimited dimmer from 5%-100%
- Rugged aluminum frame engineering plastic
- Free 2 years service guarantee

FV-2009 LED Film Viewer is developed according to the Norm of ISO5580 Industrial radiographic illuminators - Minimum requirements. Inherited fine traditions of FV-2008, adopt powered LED area light source, enable the viewer to high luminance and excellent uniformity, theoretical lifetime span up to more than 50,000 hours.

Thanks to the portable, rugged and smart design, FV-2009 is extremely suitable for fieldwork. Can view films to 4.0H/D, meet the needs of daily use. It adopt constant current power which is specially designed to the viewer. With its help, the LED will be protected notably, so the lifetime can be extended. For the sake of Safety use, low voltage PWM unlimited dimmer is used. Foot mode and hand mode are equipped.

Luminance distribution of the view window (Unit: Cd/m^2)

102,300	102,000	101,400	100,400
102,000	103,000	102,080	102,080
101,500	102,300	101,600	101,000

Spare parts list:

Description	Quantity
Foot pedal	1
Carrying bag	1
Instruction (English)	1
Guarantee and report (English)	1
Light mask (150*45mm) (150*60mm)	1

Specification:

Max Luminance: $\geq 103,000 \text{ Cd/M}^2$ (323,420Lux)	Uniformity: $g=0.95$
Diffusion Factor: $\sigma'=0.95$	Viewer window: 200*60mm
Surface temp. rise $\leq 15^\circ\text{C}$ After 12 hours continues maximum luminance	POWER: 85-264VAC 47~63Hz. (Full range)
Dimension: 17.9*5.5*2.6" 455*140*65mm (L*W*H)	Weight: 5.5pounds(2.5kg)

LcNDT 鹿成

www.Lcndt.net



ISO 9001 Registered

PRODUCT CERTIFICATE

PRODUCT Industrial LED film viewer

MODEL FV-2009

SERIAL NO. 902001

MEASUREMENT BASED ON EN 25580 / ISO 5580

MEASUREMENT RESULT QC Passed

Testing Report:

Maximum Luminance: 103,000Cd/M² Uniformity g: 0.96

Diffusion factor σ': 0.95 Maximum Reading Density: 4.0 H/D

Film Density	ASTM/EN/ISO MIN. Cd/m ²	TEST MAX. Cd/m ²
2.21	30	466.12
2.72	10	137.18
3.66	10	15.63
4.29	10	6.33

NOTE: The luminance mentioned in above table is measured light through the film.



INSPECTOR

INSPECTOR 3

MANAGER

INSPECTOR 1

Date of Measurement: 2010.1.13

Lu Cheng NDT Equipment Corp.