



## Portable LED film viewer combine with Densitometer **FV-2010T Plus**

- ▶ Densitometer High Accuracy :  $\pm 0.02D$
- ▶ Electronic Light mask - World First
- ▶ Larger size: 400×100mm (15.8×4 inch)
- ▶ FV-2010TW Plus 440×80mm  
(fit to 480mm×100mm film) are available.

**MAX.L=130,000Cd/m<sup>2</sup>**

**g=0.95**

**$\sigma'$ =0.95**

### Characteristic:

- Luminance : 130,000Cd/M<sup>2</sup> (408,200Lux)
- High Accuracy:  $\pm 0.02D$
- Uniformity: 0.95 , Diffusion factor: 0.95
- Window Size: 400×100mm (15.8×4")
- Weight less than 4.0 Kg (8.8lbs)
- 12 hours continues maximum luminance,  
Surface temperature rise  $\leq 18^{\circ}C$
- Unlimited dimmer from 5%-100%
- Free 2 years service guarantee
- CE Approved

### What is electronic light mask?

Traditionally we use a series of metallic light masks which are mount on the surface of film viewers. It is inconvenient when you replace the light masks when you want to change the size of light, and energy waste because it just mask the light where you do not need, but the entire light screen is still turn on.

Electronic light mask is electronics controlled, the light screen is divided into 6 parts, you can turn on or turn off each parts of light screen by press one key. With the help of it, you just turn on the area you need, it will be convenient when you change the size of light, low heat and low energy cost.

The size of light will be switched as below:



### Spare parts list:

Description	Quantity
Power adaptor & Line	1
Foot pedal	1
Light mask (400×70mm)	1
Instruction (English)	1
Guarantee and report (English)	1

### Specification:

Max Luminance: $\geq 130,000Cd/M^2$ (408,200Lux)	Uniformity: g=0.95 High Accuracy: $\pm 0.02D$
Diffusion Factor: $\sigma'=0.95$	Viewer window: 400×100mm (15.8×4 inch)
Surface temp. rise $\leq 18^{\circ}C$ After 12 hours continues maximum luminance	Power: 85-264VAC 47~63Hz. (Full range)
Dimension: 600×80×160mm 23.6×3.1×6.3 inch (L×W×H)	Weight: 4Kg (8.8 lbs)



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ISO9001 Registered

# PRODUCT CERTIFICATE

PRODUCT Industrial LED Film Viewer  
 MODEL FV-2010T PLUS  
 SERIAL NO. \_\_\_\_\_  
 MEASUREMENT BASED ON EN25580 / ISO5580 / ASTM 1390-90  
 MEASUREMENT RESULT QC Passed

## Testing Report:

Maximum Luminance: 130,000Cd/m<sup>2</sup> Uniformity g: 0.95

Diffusion factor σ': 0.95 Maximum Reading Density: 4.2H/D

Film Density	ASTM/EN/ISO MIN. Cd/m <sup>2</sup>	TEST MAX. Cd/m <sup>2</sup>
2.21	30	815.7
3.17	10	267.2
3.66	10	41.6
4.29	10	9.2

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

## Calibration Report:

AGFA Density Strip (SN.: <u>1001311</u> )								
Num.	0	1	2	3	4	5	6	7
Density:	0.15	0.30	0.60	0.90	1.21	1.50	1.80	2.10
Cal.:	0.16	0.31	0.60	0.90	1.22	1.51	1.81	2.12
AGFA Density Strip								
Num.	8	9	10	11	12	13	14	
Density:	2.41	2.69	2.98	3.26	3.59	3.91	4.21	
Cal.:	2.42	2.69	2.98	3.28	3.60	3.93	4.22	

INSPECTOR INSPECTOR 3 MANAGER \_\_\_\_\_ INSPECTOR INSPECTOR 1 Date: 2014.12.29

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