



• Intelligent

• High Accuracy

• Dual-Use

FV-2009T

Lcndt®

www.Lcndt.net

FV-2009T Intelligent LED Industry X-ray Film Viewer

Characteristic:

Portable LED film viewer combine with Densitometer

High Luminance: $\geq 110,000 \text{ Cd/m}^2$

Density: $\geq 4.1 \text{ H/D}$

Viewing Screen: 8' X 2.5' (200 X 60mm)

High Accuracy: $\pm 0.02 \text{ D}$

Program Mode for customer calibration (patent technology)

Separated design, easy for maintaince

Rugged design, whole alloy aluminium

Specification:

Uniformity : $g \geq 0.95$	Diffusion : $\sigma' \geq 0.95$
POWER: 85~264VAC 47~63Hz (Full range)	
Rated Power: 50W	Weight: 5.5lb
Dimension: 18' X 5.5' X 2.5' (LxWxH)	

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& CIA**

EQUIPAMENTOS PARA ENSAIOS E INSPEÇÃO

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Manufacturer of NDT equipments

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PRODUCT CERTIFICATE

PRODUCT	Industrial LED Film Viewer
MODEL	FV-2009T
SERIAL NO.	0901574
MEASUREMENT BASED ON	EN25580 / ISO5580 / ASTM 1790-90
MEASUREMENT RESULT	QC Passed



Testing Report:

Maximum Luminance: 115,000Cd/m² Uniformity g: 0.95
 Diffusion factor σ': 0.95 Maximum Reading Density: 4.1H/D

Film Density	ASTM/EN/ISO MIN. Cd/m ²	TEST MAX. Cd/m ²
2.21	3	583.2
3.17	0	80.4
3.66	1	25.5
4.29	0	6.88

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

Calibration Report:

AGFA Density Strip (SN.: <u>1 00 1 3 1 1</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	0.30	0.59	0.91	1.21	1.50	1.79	2.11
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.:	2.41	2.70	2.98	3.25	3.58	3.91	4.22	

INSPECTOR INSPECTOR 3 MANAGER INSPECTOR 1 Date: 2013.9.1

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