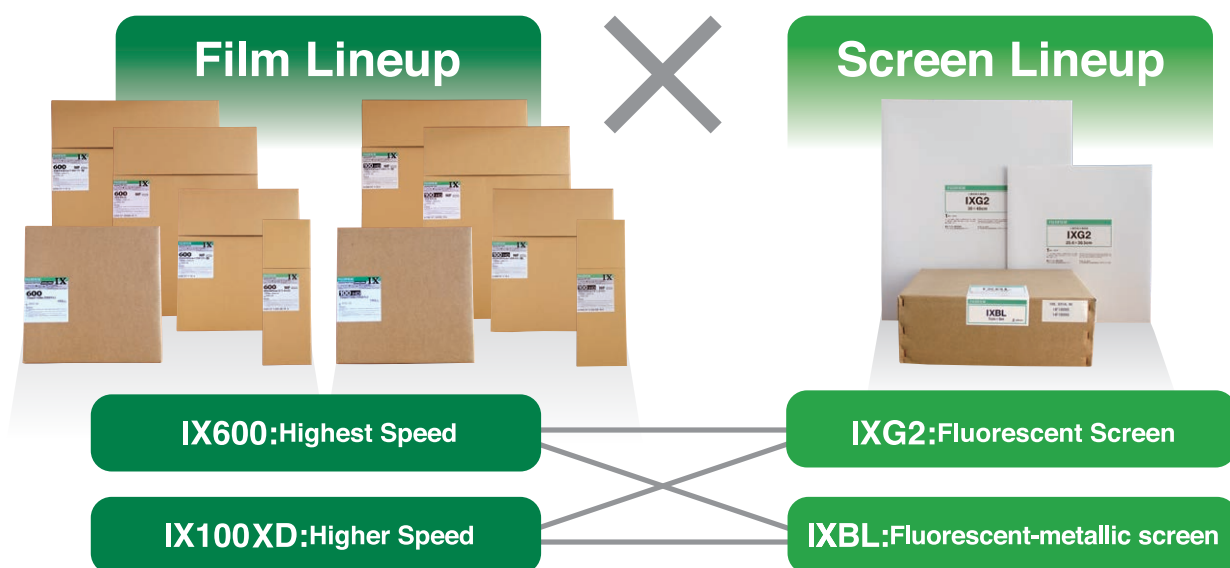


FUJIFILM Industrial X-Ray Film Fluorescent Screen Systems

New Films and Fluorescent screens developed by FUJIFILM's advanced technologies make your Radiography-Testing faster and more efficient.

Extensive Lineup of Films and Screens

FUJIFILM's films and screens can be combined according to user's applications.

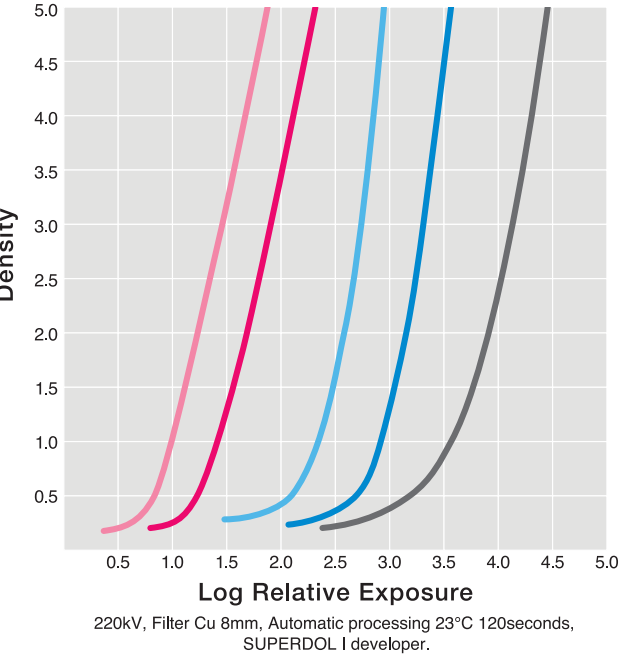


Extremely-Shortened Exposure Time and High Image Quality

Our systems are designed for inspections where high-efficiency is required or usage of X-ray energy is limited.



Sensitometric Curves



Screen		IX600	IX100XD	IX150
IXG2	Fluorescent screen	407	29	NA
IXBL	Fluorescent-metallic screen	157	7.5	NA
Pb	Metal screen	NA	0.5	1

220kV, Filter Cu 8mm, Automatic processing 23°C 120seconds, SUPERDOL I developer.

Image Quality Class compliant with Standards

Film	Screen	Exposure time [sec]	Density	Image Quality				Image Quality Class	
				Wire IQI (ISO19232-1)	Hole IQI (ASTM E1025)	Duplex wire IQI (ISO19232-5)	Groove IQI (GOST 7512)	ISO 17636-1	GOST 7512
IX600	IXG2	0.7 sec	3.2	W11 (0.32 mm)	2 - 2T (2.0 %)	D8 (3.13 lp/mm)	Resolution 0.20	Class A	1
IX600	IXBL	2.1 sec	3.0	W13 (0.20 mm)	2 - 2T (2.0 %)	D9 (3.85 lp/mm)	Resolution 0.20	Class B	1
IX100XD	IXG2	22 sec	3.2	W13 (0.20 mm)	2 - 2T (2.0 %)	D9 (3.85 lp/mm)	Resolution 0.20	Class B	1
IX100XD	IXBL	50 sec	3.2	W14 (0.16 mm)	2 - 1T (1.4 %)	D10 (5.00 lp/mm)	Resolution 0.20	Class B	1

160kV X-rays, Object thickness 25mm Fe, SFD 1100mm, Automatic processing 23°C 120seconds, SUPERDOL I developer.

FUJIFILM Product Lineup

FUJIFILM		Screen	Relative Speed* (200 kV)	System Class	
IX Series	XD Series			ISO 11699-1	ASTM E1815
IX25	—	Pb	15	C1	Special
IX30	—		25	C2	I
IX50	IX50XD		30	C3	I
IX80	IX80XD		55	C4	I
IX100	IX100XD		100	C5	II
IX150	—		170	C6	III
—	IX100XD **	IXBL	1000	—	—
—	—	IXG2	4000		
IX600	—	IXBL	30000	—	—
		IXG2	80000		

* Relative Speed is based on the reference speed (IX100/Pb=100). ** IX100XD gives high speed when used with fluorescent screens.