



Flash X-ray systems



**150kV, 300kV, 450kV,
1MeV and SUPER output
systems**

**Demountable single and
dual head system.**

**19" rack mount or remote
software control of
timing/delay.**

**Simple user replaceable
tube system.**

The L3 Flash X-Ray system uses a unique method of imaging very fast, dynamic events that cannot be captured utilising other high-speed imaging techniques.

The modular system allows use of standard and SUPER voltage output tube heads to suit different density materials, penetration requirements and Source-to-detector distances. Nanosecond exposure times prevent motion blur for even the fastest events. Different effective source sizes provide image capture flexibility.

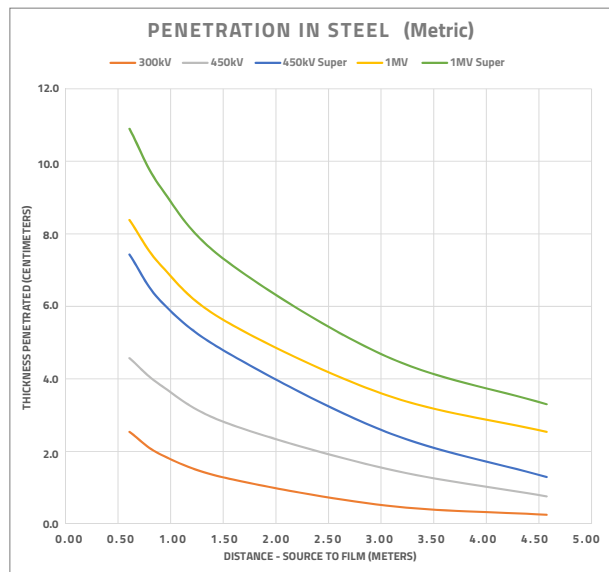
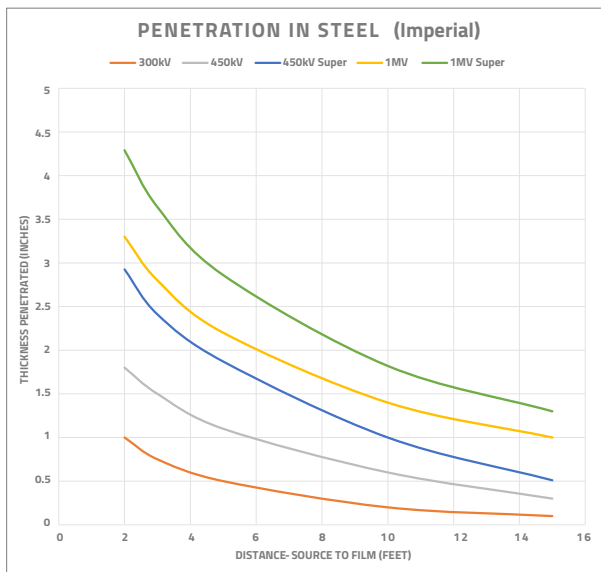
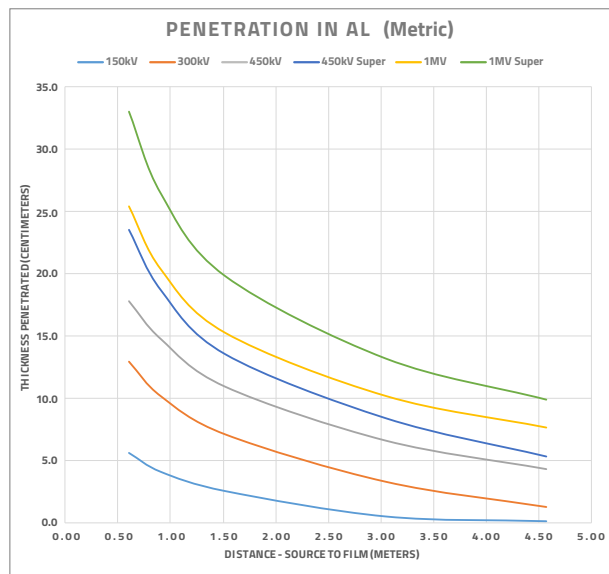
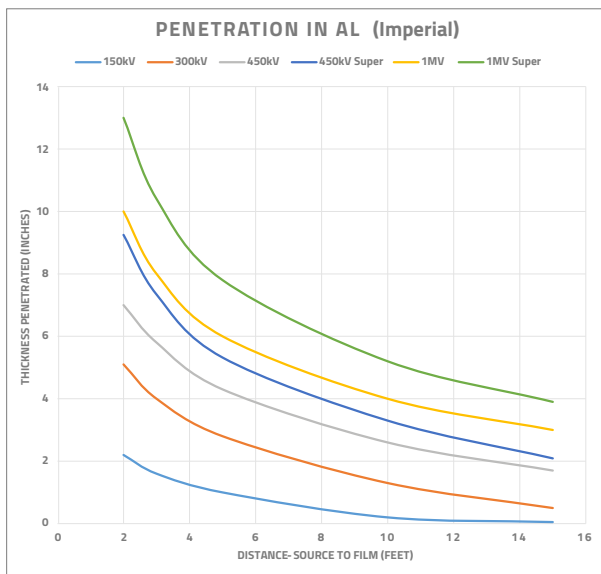
Standard x-ray film cartridges can be used with the optional PixelRay digitiser or scintillators with digital cameras can be used to suit different experimental set ups.

FEATURES

- 25nS – 70nS exposure times.
- 1mm – 5mm effective source sizes.
- Inspection and part replacement using standard tools.
- Uses standard x-ray film cassette or phosphor screens.
- Optional PixelRay phosphor screen scanner/digitiser:
 - Scans standard screen in less than 1 minute.
 - Allows multiple scans to extract maximum data.

OUTPUT OUTAGE (NOMINAL)

	150kV	300kV	450kV	1MeV
Pulser Current (nom.)	2000A	5000A	6000A	6000A
Dose@Distance/pulse	40mR@20cm	45mR@38cm	20mR@1m	55mR@1m
Effective source size				
Single tube	1 or 3mm	1, 3 or 5mm	1, 3 or 5mm	2 or 5mm
Dual tube	N/A	1, 3 or 5mm	1, 3 or 5mm	5mm
Pulser Dimensions				
Diameter	255mm (91/4")	457mm (18")	550mm (22")	550mm (22")
Length	480mm (183/4")	864mm (34")	1.2m (47")	1.4m (55")
Weight	36Kg (80lbs)	146Kg (325lbs)	230Kg (500lbs)	270Kg (600lbs)



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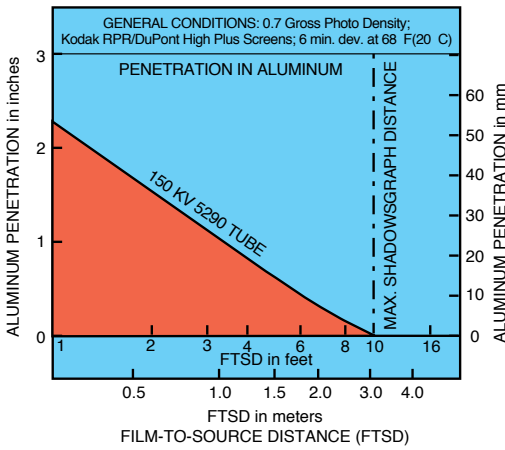
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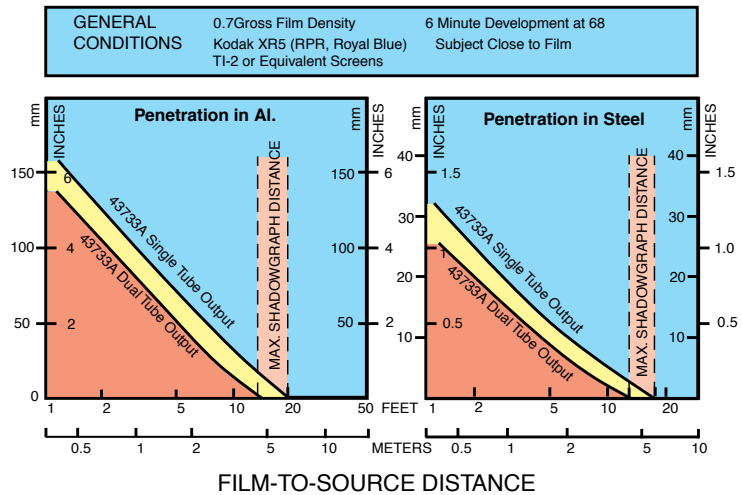
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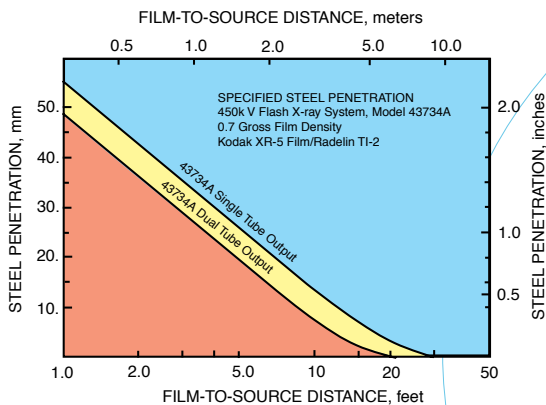
150kV FXR System



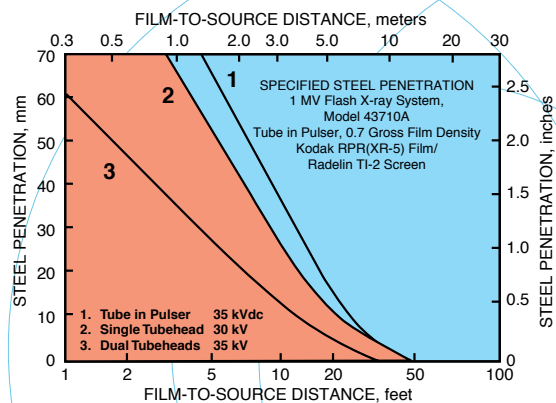
300kV FXR System



450kV FXR System



1MeV FXR System



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