



## 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.

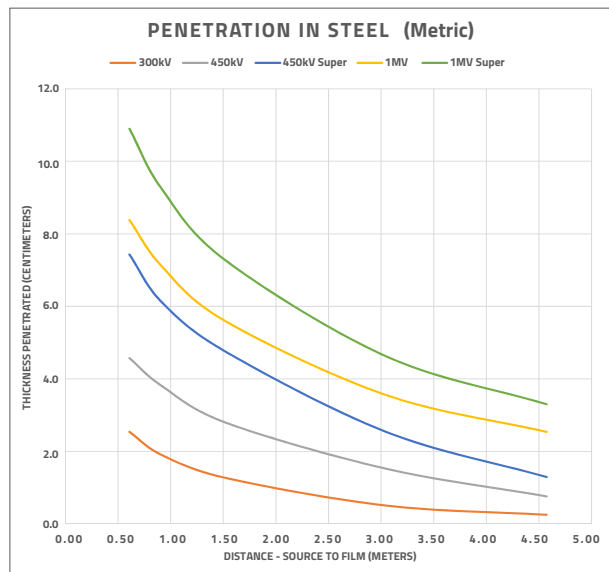
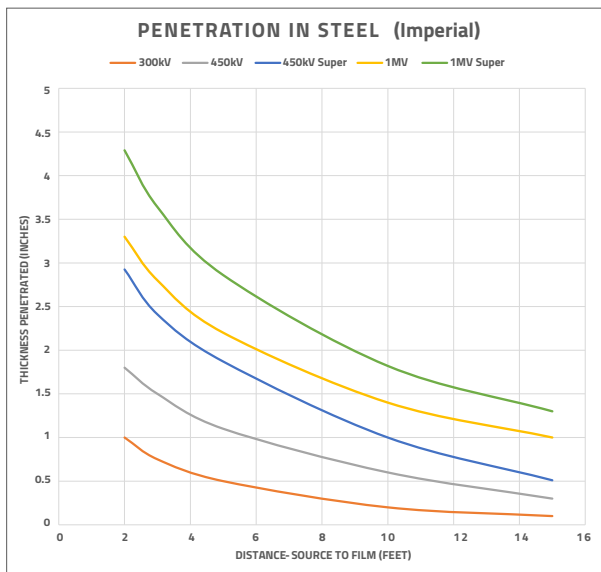
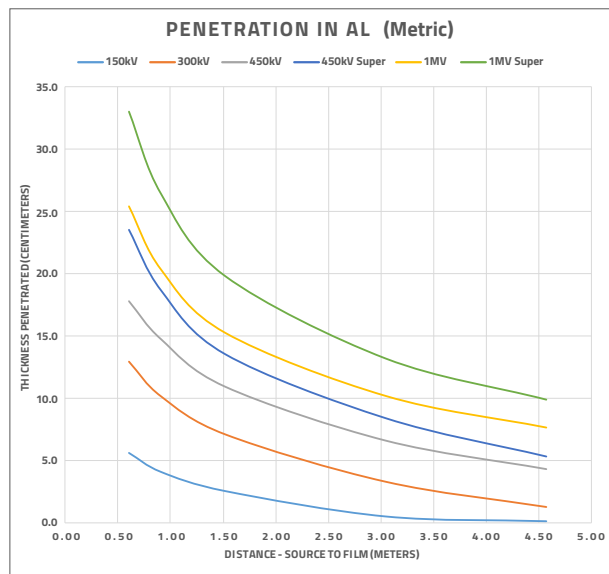
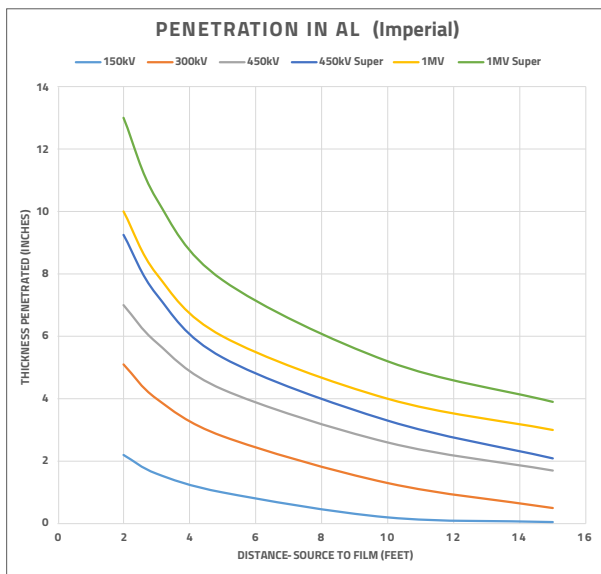
Standard x-ray film cartridges can be used with the optional PixelRay digitiser or scintillators with digital cameras can be used to suit different experimental set ups.

### 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)

	<b>150kV</b>	<b>300kV</b>	<b>450kV</b>	<b>1MeV</b>
<b>Pulser Current (nom.)</b>	2000A	5000A	6000A	6000A
<b>Dose@Distance/pulse</b>	40mR@20cm	45mR@38cm	20mR@1m	55mR@1m
<b>Effective source size</b>				
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
<b>Pulser Dimensions</b>				
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)



### UK (Head Office / Factory)

6 Harvington Park,  
Pitstone Green Business Park  
Pitstone. LU7 9GX England

Tel +44 (0) 1442 827728

### USA

Specialised Imaging Inc.  
40935 County Center Dr. Suite D  
Temecula, CA 92591, USA

Tel +1 951-296-6406

### GERMANY

Hauptstr. 10,  
82275 Emmering  
Germany

Tel +49 8141 666 89 50

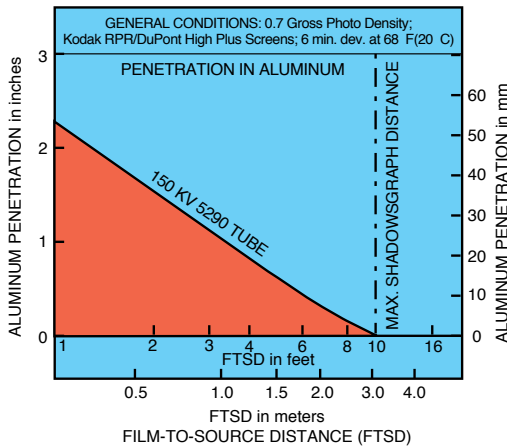


FM87429

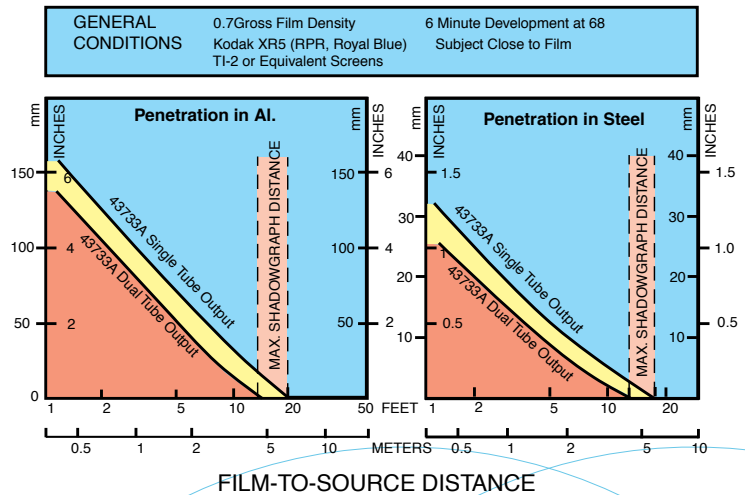
### OUTPUT OUTAGE (NOMINAL)

	150kV	300kV	450kV	1MeV
<b>Pulser Current (nom.)</b>	2000A	5000A	6000A	6000A
<b>Dose@Distance/pulse</b>	40mR@20cm	45mR@38cm	20mR@1m	55mR@1m
<b>Effective source size</b>				
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
<b>Pulser Dimensions</b>				
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)

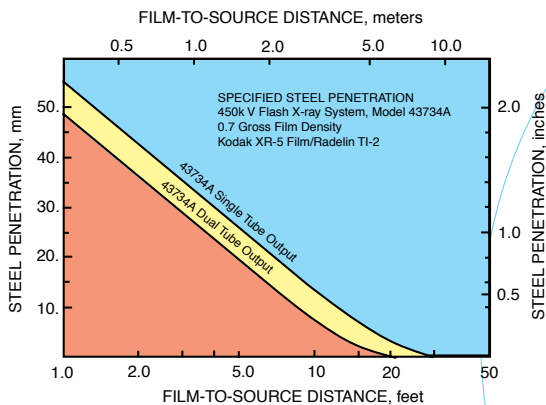
### 150kV FXR System



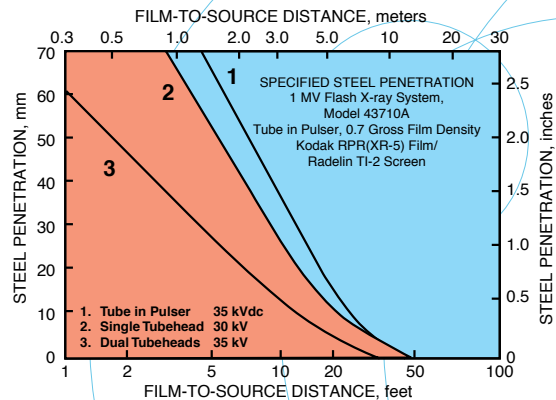
### 300kV FXR System



### 450kV FXR System



### 1MeV FXR System



#### UK (Head Office / Factory)

6 Harvington Park,  
Pitstone Green Business Park  
Pitstone. LU7 9GX England

Tel +44 (0) 1442 827728

#### USA

Specialised Imaging Inc.  
40935 County Center Dr. Suite D  
Temecula, CA 92591, USA

Tel +1 951-296-6406

#### GERMANY

Hauptstr. 10,  
82275 Emmering  
Germany

Tel +49 8141 666 89 50



FM87429