



High Voltage Solutions for Analytical X-Ray

Spellman offers an extensive line of high stability standard and custom products for analytical X-Ray applications.

DIFFRACTION • FLUORESCENCE • MICROFOCUS



DXM Series
20kV-160kV / 300,600,1200W



uXHP Series
50kV, 65kV and 80kV / 100W



DF/FF Series
60kV / 3kW-4kW



uXRB130P65
7µm/8µm Microfocus Monoblock[®]

5W-4kW — 10kV-320kV

Low Ripple, Low Stored Energy

Global Sales and Service

High Voltage Innovation Since 1947

Custom Solutions for OEM Applications

Spellman is a world-leading provider of X-Ray Generators and Monoblock[®] X-Ray Sources with a vast portfolio of standard and custom product offerings for Analytical X-Ray applications.

High voltage solutions are available to drive most industrial X-Ray Tubes for a variety of market applications. These solutions include low-power modules for handheld and portable XRF systems, higher-power for bench top and stand-alone XRF/XRD, and Microfocus X-Ray for high-resolution inspection.

X-Ray Generators for Diffraction

Model	Max Power	Max Voltage	Filament (floating on output)
XMPF	5W	10kV	3.5Vac @ 0.4A
MFx	50W-75W	50kV-65kV	5Vac @ 4A
XRf	80W-640W	160kV	7Vac @ 5A
DXB	300W-1.2kW	40kV-320kV	10Vac @ 5A
DXM	300W-1.2kW	20kV-160kV	10Vac @ 5A
XLf	600W-1.2kW	30kV-60kV	12Vac @ 5A
DXM100	1.2kW	100kV	10Vac @ 5A
DF	3kW-4kW	60kV	12Vac @ 5A

X-Ray Generators for Fluorescence

Model	Max Power	Max Voltage	Filament (ground referenced)
XLG	3W-260W	30kV-130kV	3Vdc @ 3A or 9A
XMPG	10W	10kV	3Vdc @ 5A
µX	50W-75W	50kV-65kV	5Vdc @ 3.5A
MNx	50W-75W	50kV-65kV	5Vdc @ 3.5A
µXHP	100W	50kV-80kV	5Vdc @ 3.5A
DXM	300W-1.2kW	20kV-160kV	10Vdc @ 5A
FF	3kW-4kW	60kV	12Vdc @ 5A

Monoblocks[®] for Microfocus

Model	Max Power	Max Voltage	Nominal Focal Spot
XRb011	20W-50W	80kV	33µm
uXRB130P65	65W	130kV	7µm/8µm (narrow/wide beam options)

