

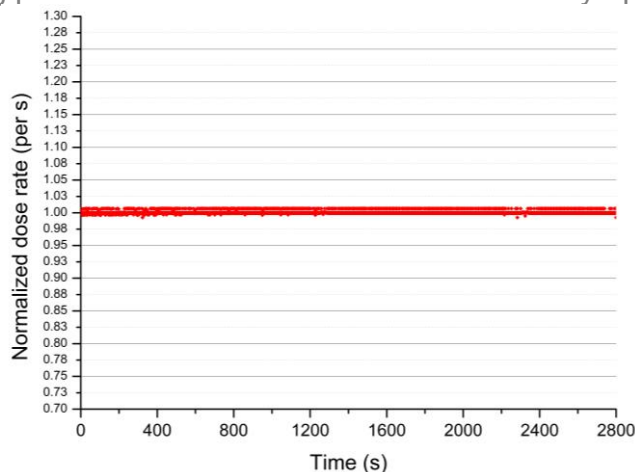
...Radiation Protection for the Radiation Professionals...

XrayDose

Benchtop X-ray irradiator



Xray Dose is a special designed X-ray irradiator which contains a 50kV tungsten X-ray tube. The dose rate can be linearly varied by a factor of ten by simply changing the current (0.1 -1.0mA). The temperature stabilization ensures a stable and constant dose rates over long periods. The touchscreen allows an easy operation.



The temperature stabilization ensures stable and constant dose rates over long periods.

Technical Specifications

Xray tube	Tungsten X-ray tube
Voltage	50kV
Current	0.1 to 1.0 mA
Typical lifetime	Up to 5 years depending on the usage
Exchangeable hardening filter	200µm Al (default). Other hardening filters available on request.
Cooling	Air cooled
Power	110 – 240 V AC, 3A
Dimension	333 x 446 x 226 mm
Weight	ca. 40 kg
Certification	Manufactured under ISO 9001 guidelines, CE conform

Related products



PSL food



TLDcube

Dose rates on Alanine (tissue equivalent) in Gy/s

Settings	ESR Version	
	Without filter >1.1	With 200 µm Al filter >0.3
50 kV, 1mA	PSL Version	
	Without filter >1.1	With 200 µm Al filter >0.3
	TLDcube Version	
	Without filter >4.5	With 200 µm Al filter >0.4



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