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High voltage e-gun for LINAC

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A typical commercially available thermionic triode e-gun operates in 10-15 kV range. Certain linac accelerating structures may benefit from higher voltage injection. Based on commercially available low voltage e-guns Varex Imaging High Energy Sources Group has developed an e-gun that could be operated in extended range of voltages of 10-40 kV, provides high adjustability of injecting beam parameters. The new e-gun can be utilized with both triode and diode options

Funding Agency

Footnotes

I have read and accept the Privacy Policy Statement

Yes

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