

Linear electron accelerator (LINAC) ELU-4

Radiation of the LINAC has been effectively used in various fields of fundamental and applied science. LINAC is the device commonly used for external beam radiation treatments - for modification of materials and micro schemes, for sterilization of substrate, medicine, instruments, degradation and crosslinking of polymers, investigation of radiation stability of different compounds, for development of dosimeters e.o..



Parameters of the LINAC ELU-4:

Max energy of fast electrons - 5 MeV

Diameter of electron beam – 20 mm

Impulse duration – 5 ms

Impulse current - 1A

Frequency 230 Hz

Dose rate P up to 90 MGy.h⁻¹

Irradiation temperature from room temperature up to 900 °C

