

High-Activity Radioactive Sources



Your Partner in Handling
Radioactive Material

Turn-key Package

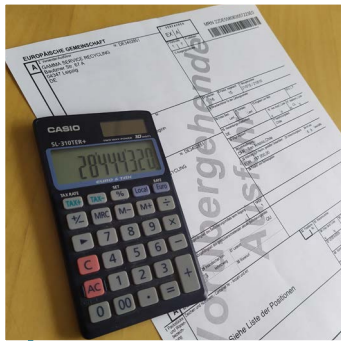
Transport Package Provision



Worldwide Logistics



Source Handling



Customs Clearance



Source Supply

MORE THAN 2 DECADES OF EXPERIENCE IN CUSTOMIZED SOLUTIONS WORLDWIDE

- Co-60 sources for industrial use
- Max. activity: 1,480 TBq / 40,000 Ci
- Max. diameter: 44.5 mm
- Max. length: 703 mm
- Dimensions according to customer request
- Standard size Co-60 sources for sterilization plants
- Co-60 sources for teletherapy use
- Co-60 sources for non-destructive testing (NDT)
- Cs-137 sources for blood and research irradiation devices
- Cs-137 sources for calibration irradiators
- Cs-137 sources for other purposes on customer request
- Dimensions according to customer request
- Diameters from 23 mm to 44.5 mm
- Max. Length: 350 mm
- Special form encapsulation of disused sources

Medical Devices

Gamma and X-Ray irradiation prevent immunocompetent cells from dividing. Transmission of these cells without radiation can lead to a serious and often fatal complication in immunodeficient patients - graft versus host disease (GvHD).



BIOBEAM

- Gamma irradiation for transfusion medicine and research
- Best homogeneity



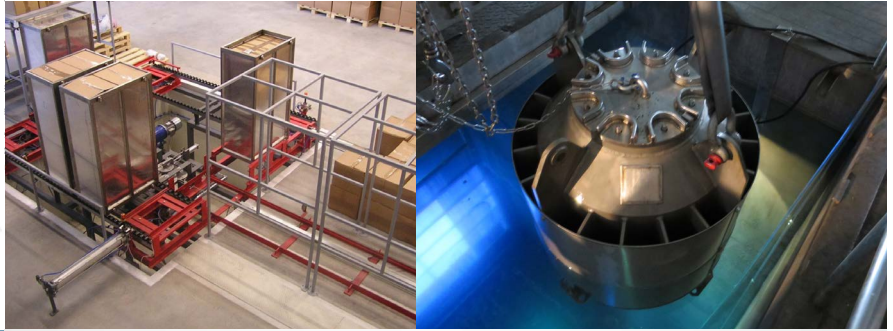
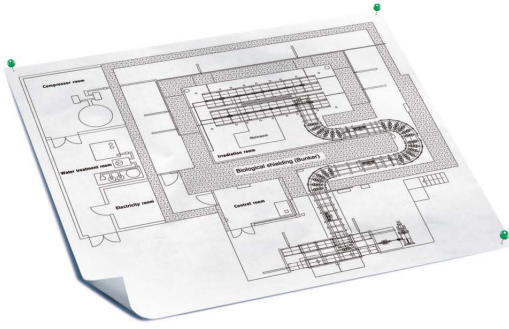
GSR C1

- Gamma irradiation for transfusion medicine and research
- Higher dose - shorter irradiation time



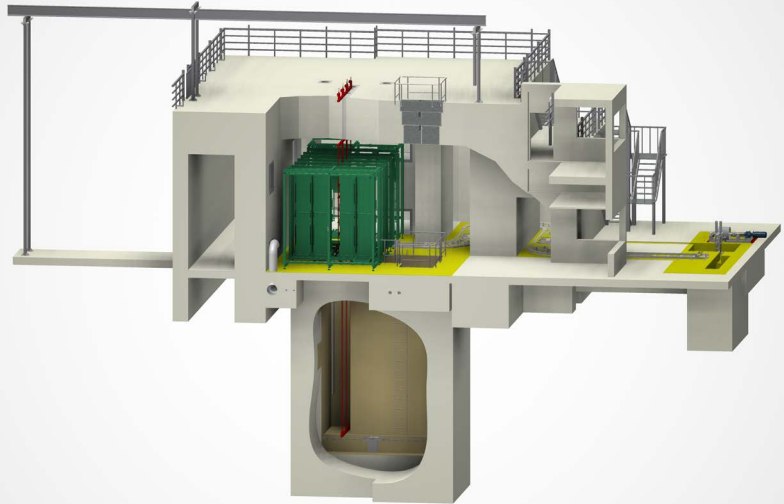
X-BEAM

- X-Ray irradiation for transfusion medicine and research



Irradiation Facilities

- Design, installation and commissioning of industrial irradiation plants
- Upgrade and modification of existing facilities including prior feasibility study
- Installed activity e.g. 300 kCi to 5 MCi
- Chemical-free sterilization of medical supplies
- Phytosanitation in dried foods (herbs, tea, spices) or fresh foods (fruit, vegetables) for export purposes
- Disinfestation & delayed ripening of fresh fruits and vegetables



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