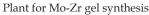
# PORTABLE 99MO/99mTC GENERATOR







99Mo/99mTc generator

# **Areas of Application**

The portable 99Mo/99mTc generator is to be used at hospitals. Sodium pertechnetate-99mTc is radiopharmaceutical widely used in nuclear medicine for the diagnosis of tumors in various locations and non-tumor pathologies of the body

# **Advantages**

Not manufactured in Ukraine; cheaper than the foreign analogs

#### **IPR Protection**

IPR1

# **Specification**

The generator working material is Mo-Zr-gel synthesized using 99Mo obtained through irradiating natural molybdenum oxide by neutrons from WWR-M research reactor of INR of the NAS of Ukraine. The physical and chemical properties of sodium pertechnetate-99mTc meet the requirements of the European Pharmacopoeia

# **Stage of Development. Suggestion for Commercialization**

IRL4, TRL4
Manufactured and supplied, upon request

#### **Contact Information**

*Volodymyr V. Tryshyn*, Institute for Nuclear Research of the NAS of Ukraine; +38 044 525 43 50, e-mail: vtryshyn@kinr.kiev.ua