

Transport container Lead/Tungsten



The shielded container is a certified type A container, made of lead or tungsten. The container can be used in combination with the outer case for safe transport of vials containing radioactive substances by road or air. The cylindrical body and top are made of lead or tungsten and the interior has a plastic insert and is slightly cone shaped for easy loading of the vials. The insert is suitable for different injector systems including the KARL100.

The outer shell is made of acrylonitrile butadiene styrene (ABS) an impact proof polymer shell. The container is equipped with a handle to enable easy handling. The lid is put on with a single rotation and the container is locked by pushing the handle down.

Product specifications

Transport Type A container
Body and top: 30 mm Lead or Tungsten in all directions
Outer dimension 110 mm diameter (119 mm including grip), height 178.5 mm
Inner dimension 34 mm diameter, inner height 65 mm
Weight Lead container 8.4 KG / Tungsten container 13.6 KG



✓ ORDERING:
Von Gahlen

Lead container radiation safety and transport specifications

Maximum shipping activity	Transport category	External radiation level
F-18		
6.50 GBq (174 mCi)	II-YELLOW	<0.5 mSv/h
26.0 GBq (700 mCi)	III-YELLOW	<2 mSv/h
130 GBq (3.5 Ci)	III-YELLOWB	<10 mSv/h
Zr-89		
1 GBq (27 mCi)	II-YELLOW	<0.5 mSv/h
2.5 GBq (67 mCi)	III-YELLOW	<2 mSv/h

Tungsten container radiation safety and transport specifications

Maximum shipping activity	Transport category	External radiation level
F-18		
70 GBq (1.9 Ci)	II-YELLOW	<0.5 mSv/h
300 GBq (8.1 Ci)	III-YELLOW	<2 mSv/h
1600 GBq (43 Ci)	III-YELLOWB	<10 mSv/h
Zr-89		
2.5 GBq (67 mCi)	II-YELLOW	<0.5 mSv/h
10 GBq (270 mCi)	III-YELLOW	<2 mSv/h
50 GBq (1.4 Ci)	III-YELLOWB	<10 mSv/h