

Tungsten Vial Container

Three types for different vial sizes



Portable tungsten shield for safe and simple handling of a vial with a radioactive solution.

The container reduces the risk of exposure and contamination of staff handling radioactive solutions. It fits the Automatic Dispensing Units PT317R7 and PT459R5 and forms the inner part of the Type A packaging set PT314R2 – the vial does not have to be handled unshielded.



Design

- **Container base** – tungsten shielding with stainless steel carrying handles
- **Lid** – tungsten shielding with a handle; a screw lock seals the inner space of the container
- **Well** – the vial is inserted freely into the container well

Compatible devices

- PT317R7 Automatic Dispensing Unit
- PT459R5 Automatic Dispensing Unit Twin Tracer
- PT314R2 Packaging set Type A

Outer dimensions (all types)

Max. total height.....133 mm

Height without handle.....114 mm

Outer diameter.....97 mm

Types

Type	Max. vial Ø	Max. vial height	Shielding	Weight
PT318R2	27 mm	60 mm	27.7 mm W	10.0 kg
PT318R4	31.4 mm	64.6 mm	25.5 mm W	9.7 kg
PT318R6	36.5 mm	72 mm	20.9 mm W + 5.25 mm plastic	8.8 kg

All types have the same outer dimensions and differ only in the size of the vial well. PT318R6 has a plastic insert and is intended for ¹⁷⁷Lu.