



CONT'ELU ELUTION POTS

SHIELDED POTS FOR ELUTION

LOW & MEDIUM ENERGY



Ref.: 00005265



Ref.: 00025868



Ref.: 00005264

ASSOCIATED PRODUCTS

- Medi handling tongs
- Positong handling tongs
- Medicic syringe shields
- Easyview syringe shields



The Cont'Elu shielded pot is the **essential accessory** specifically designed to perform $^{99}\text{Mo}/^{99\text{m}}\text{Tc}$ radiopharmaceutical generator elutions and to collect the injectable sodium pertechnetate ($^{99\text{m}}\text{Tc}$) stock solution essential for the radio-labelling of many kits, necessary for the performance of common **scintigraphic examinations** in conventional Nuclear Medicine or SPECT.

The Cont'Elu range is **compatible with all models of generators** on the market, and is available in several references with a "viewing window" or "**full view**" to correspond to all service applications and to allow **visual control of the vial** and its contents concerning the **identification of the solution**, its **volume** and its **appearance** throughout its use.

This **light weight** (less than 1 kg) and **compact-sized** Cont'Elu pot can also be used as a conventional vial shield for various daily radiopharmaceutical preparations.

FOCUS

In terms of **radiation protection**, the **Cont'Elu's structure** is made up of a combination of two types of shielding: **6 mm lead and 14 mm lead glass**, which provides more than 99 % attenuation of the 140 KeV gamma radiation from ^{99m}Tc. The "full view" models are equipped with cylinders made entirely of **high-density lead glass 5.2**, guaranteeing a **360° view** of the vial and its contents and **maximum protection**.

The Cont'Elu shielded pot is equipped with a **sealed closing system**, and **secured** with a screw-on **shielded cap** fitted with a **sliding bar** with a lead disc, which locks access to the radiopharmaceutical vial and prevents any risk of leakage and contamination in the event of a spill.

The Cont'Elu is **durable and very resistant**, and covered with 316L stainless steel with a mirror-polished finish to allow **easy maintenance** and **decontamination**, including by immersion.

A special feature has been developed with the Zevalin Cont'Elu, which features a specific adapter to match the ⁹⁰Y-labelled radiopharmaceutical vial, allowing it to be positioned correctly and thus facilitating sampling. The particularly elongated body of this shielded pot allows full visibility of the vial and its contents with its integral laminated lead glass construction, for enhanced safety.



Radiation protection

Radionuclides	% of attenuation
^{99m} Tc	99.99 %
¹¹¹ In	99.97 %
²⁰¹ Tl	99.99 %
¹⁷⁷ Lu	99.98 %

CHARACTERISTICS

General	Cont'Elu Full view Ultra Technekow™ FM compatible	Cont'Elu Full view Tekcis® compatible	Cont'Elu Full view - Lying down Zevalin vial compatible	Cont'Elu with viewing window Tekcis® compatible
External dimensions:	Ø 59.5 x H 75.6 mm	Ø 59.5 x H 80 mm	Ø 59.5 x H 80 mm	Ø 54.25 at max. width x H 84.5 mm
Internal dimensions:	Ø 26.5 x H 50.1 mm			
Material:	structure 316 L stainless steel			
Height of lead glass cylinder:	34.5 mm	34.5 mm	47.9 mm	N/A
Dim. of lead glass window:	Ø 54.5 x H 32 mm	Ø 54.5 x H 32 mm	Ø 54.5 x H 45.5 mm	L 22 x H 30 mm
Radiation protection:	6 mm lead / 14 mm lead glass			6 mm lead / 12 mm lead glass
Lead glass density:	5.2			
Weight:	0.96 kg	0.92 kg	0.94 kg	0.97 kg
Complement:				delivered with Zevalin vial adapter ID: 16.5 x H 36 mm
Package				
Package dimensions:	L 70 x D 70 x H 100 mm			
Package weight:	1.2 kg			
Ref.:	00025868	00005265	00025809	00005264
Ref. spare kit - lead glass:	00004283		00025801	00004279
Ref. spare kit - plug:	N/A	N/A	00022808	N/A