

Stand-alone system for automated generator elution

EluGen

Significantly facilitates your daily work with Gallium-68 based tracers by automating generator elution and pre-elution



For use with your Eckert & Ziegler generator

EluGen is a stand-alone system for the automated elution, pre-elution and management of your Eckert & Ziegler $^{68}\text{Ge}/^{68}\text{Ga}$ generator. Its features and easy handling will save you valuable time during your routine work with Gallium-68 based tracers.

Automated elution in accordance to IFU/SmPC

After the start of the elution or pre-elution process, EluGen automatically draws up the preset volume of hydrochloric acid into the syringe. The acid is then pressed through the generator at the predetermined speed. By choosing elution parameters in accordance to the generator's instructions, manual handling errors during the elution process can be avoided.

Touch display with intuitive user interface

EluGen's touch display allows the quick and easy adjustment of system and elution parameters. This includes the following options:

- (Pre-)elution volume
- (Pre-)elution speed
- Time and date
- Number of elutions carried out with the generator

Elutions and pre-elutions can easily be initiated with a simple button press on the touch screen. Progress of the elution can be monitored on the display. Pause and stop options are also available during the process.

Timer function for (pre-)elution processes

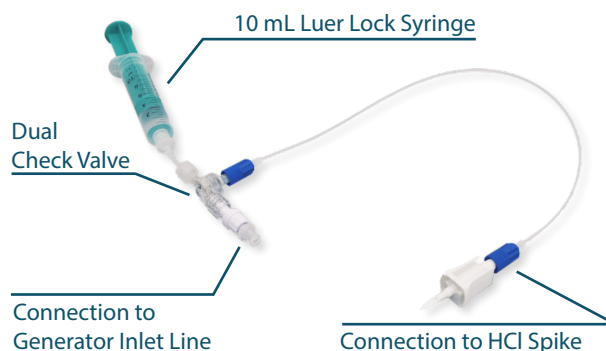
The integrated timer function allows EluGen to automatically start an elution at a predetermined time. This enables you to schedule elutions even in your absence, saving time in your daily routine. Necessary pre-elutions can also be scheduled, so your generator is ready-to-use when you arrive at your workplace.

Tools for your generator management

EluGen provides you with information to assist in your generator administration. This includes the time of the last elution as well as the number of elutions carried out with the system. The latter may be adjusted manually for first-time setup or switching of the generator.

Tubing set included

EluGen comes with a proprietary, sterile tubing set (Article No.: C-ELUGEN-HCL-VS1) containing all necessary components to connect the device with the hydrochloric acid bags and generator.



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Flexibility for your setup

EluGen can be positioned freely next to your generator. Alternatively, it can be placed on top of your generator for the most efficient use of your work environment. Together with HSGen, our accessory for the placement of hydrochloric acid bags, we offer a space-saving complete solution for your work with our $^{68}\text{Ge}/^{68}\text{Ga}$ generators as depicted to the right.

Optional cable remote available

For improved radiation protection, a cable remote can be connected to the system. This allows you to start and stop the elution process from a safe distance, further reducing exposure to radiation.

Key Features

- Automated elution and pre-elution of E&Z generators
- Elution according to IFU/SmPC
- Avoidance of manual handling errors
- Touch display with intuitive UI for adjustment of system and elution parameters
- Timer function for (pre-)elutions in your absence
- Facilitated generator management
- Proprietary, sterile tubing set
- Compact setup for your work with Gallium-68 generators
- Operational as module in Modular-Lab system via ML software
- (Optional) cable remote for maximum radiation protection

Dimensions

Width	130 mm	5.12 Inch
Depth	136 mm	5.33 Inch
Max. height	234 mm	9.21 Inch
Min. height	204 mm	8 Inch
Weight	3 kg	6.61 lbs



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