Eckert & Ziegler Medical

Modular-Lab PharmTracer
Design your own cassette based synthesis

Using our pre-validated synthesis templates or generate your own synthesis projects using the Modular-Lab software. The software is compliant to GAMP 5 and 21 CFR part 11 regulations. Four defined security levels meet all demands for the security of the process data and the application-specific setup.

Versatile, fast setup and easy handling

Modular-Lab PharmTracer is based on our unique modular approach. The concept of stacking modules on top of each other and easily rearranging the system setup, enables routine production and research on only one system. Hence, allowing for cost & space efficient production of different radioactive compounds.

Highest quality standards

All consumables used are chemical resistant and have been tested for their suitability with the specific synthesis. Our products passed endotoxin and sterility tests and the residual solvents are within limits. For tracers listed in the European Pharmacopoeia the chemical purity is complying with the specifications.

Batch reports

- Automatically generated after each synthesis
- Contain relevant data regarding parameters such as: activity detector readings, flow rates, valve settings and more
- Saved in the database and retrievable as PDF at any time

Choose according to your needs! Modular setup and open software option allow for routine production, research and development of new radiopharmaceuticals.

Once your setup is complete mount the cassette, add the chemicals and start the program!

Eckert & Ziegler offers guidance and assistance throughout the setup process and continuously keeps you updated on new developments.
Innovative and up to date

The Modular-Lab PharmTracer was successfully introduced to the market in 2009. It was the first flexible solution available for the labeling of C-11 and the production of F-18 based tracers on one system. Since then we have improved our performance to continuously appeal to the changing requirements of our customers with new concepts to add templates for new tracers.

Modular-Lab PharmTracer
At a glance

- Cassette based synthesizer
- Routine production & research
- Modular approach
- Self explanatory, intuitive software
- Fully compatible with Modular-Lab technology
- Designed for future expandibility
- New tracers in development

Nuclide Focus: Fluorine-18, Gallium-68, Carbon-11, Copper-64, Lutetium-177, Yttrium-90, Indium-111

Cassette diversity - sterile & disposable

- Sterilized with gamma-radiation (validated process; ISO 14644-1)
- Double vacuum-packed with a shelf-life of 18 months
- Produced under GMP-compliant clean room conditions

Customized solutions can be developed on request!
Eckert & Ziegler Medical

Eckert & Ziegler Medical is one of two business segments of the Eckert & Ziegler group and represents our combined efforts in providing high quality products and comprehensive services in the fields of nuclear medicine, radiation therapy and beyond.

Whether you are looking for a single product or a partner to support your project with customized services and solutions, we are here to contribute to your success.

Our Promise

Reliable products
Innovative and compliant solutions
Quality and passion driven services

Our Products and Services

$^{68}$Ge / $^{68}$Ga Generators
Radiopharmaceuticals and Chemicals
Radiopharmaceutical Development
Radiosynthesis and Quality Control (TLC, HPLC)
Hot Cell Solutions
Contract Manufacturing
Regulatory Support
Radioactive Logistics
User Meetings and Trainings on all our devices