

Innovation and expertise in nuclear medicine and molecular imaging



**Expertise in
Theranostics
and more**

Eckert & Ziegler equipment can be used for a wide range of applications with various radionuclides including ^{18}F , ^{68}Ga , ^{177}Lu , ^{90}Y , ^{64}Cu , ^{11}C and others. More than 500 radiosynthesis systems and 2500 quality control devices have globally been installed in the last decade. Using this experience we continuously improve our processes and products to make your project a success.

Lately, theranostic applications with DOTA-conjugated peptides and PSMA for PET offer many advantages and exciting possibilities. We have many years of expertise in this rapidly developing field and offer different services including:

- Specialized high-quality products and long-term experience
- Professional radiochemical support
- Partners and reference sites all over the world
- Organization of workshops, symposia and hands-on trainings
- Customized development and optimization of new PET tracers
- Contract manufacturing services



About Us

The Radiopharma business segment is specialized in the field of molecular imaging and nuclear medicine supplying radiopharmaceuticals, radiochemicals and related equipment for the synthesis and radiochromatography of PET/SPECT tracers and other radioisotopes. We bundle resources, expertise, technologies and products and are thus able to meet the challenges in this promising and fast-developing field.

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 **Eckert & Ziegler**

**Eckert & Ziegler Radiopharma
Product Portfolio**

Radionuclides and accessories

Comprehensive supply of radionuclides, radiopharmaceuticals, radiochemicals, consumables and accessories to facilitate daily processes in routine production and research.

Your One-Stop-Shop for the complete synthesis

GalliaPharm®



Yttriga



Sterile disposable cassettes



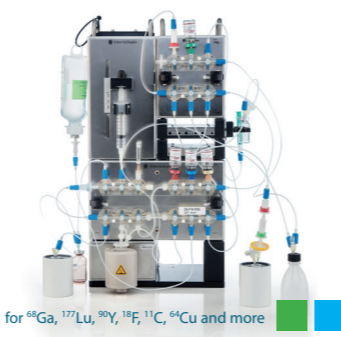
- **GalliaPharm®** $^{68}\text{Ge}/^{68}\text{Ga}$ generator, registered as a medicinal product in several countries of the European Union; DMF type II in place in USA; MF type I filed in Canada
- **Yttriga** (sterile ^{90}Y Yttrium chloride solution), EMA registered as a radiopharmaceutical; DMF in place in USA
- Supply of chemical grade ^{68}Ga generators and ^{90}Y chloride solution for calibration purposes and research activities
- Multi Generator Elution Tool for automated elution and efficient use of up to three $^{68}\text{Ge}/^{68}\text{Ga}$ generators in a single production process
- Wide range of sterile disposable cassettes for production of different tracers with the Modular-Lab PharmTracer and eazy radiosynthesis technology; ready-to-use reagent sets
- Beta radiation shielding for Modular-Lab PharmTracer cassettes, vials and waste

Radiosynthesis technology

High quality synthesis equipment „Made in Germany“ for routine production, research and development and cold kit labeling.

Always the right radiosynthesizer for your needs

Modular-Lab PharmTracer



for ^{68}Ga , ^{177}Lu , ^{90}Y , ^{18}F , ^{11}C , ^{64}Cu and more

Modular-Lab PharmTracer Tower



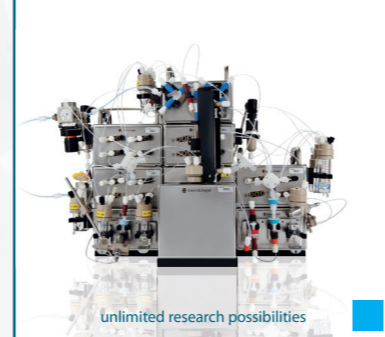
for ^{68}Ga , ^{177}Lu , ^{90}Y and more

Modular-Lab eazy



for ^{68}Ga , ^{177}Lu , ^{90}Y and more

Modular-Lab Standard



unlimited research possibilities

KitLab*



*patent pending

- Routine Production
- R&D
- Cold Kit Labeling

- Open software with intuitive user interface for easy creation of own templates (R&D) and/or pre-validated projects for standardized and reproducible syntheses (Routine Production)
- Traceability of the complete process, including documentation of process parameters and functions
- Compliant to GMP, cGMP, GAMP 5 and 21 CFR part 11 regulations

Radiochromatography equipment

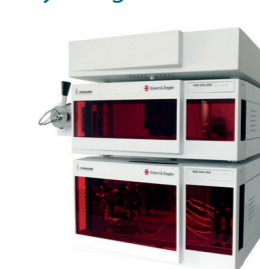
State-of-the-art quality control equipment and software for HPLC (High Pressure Liquid Chromatography) as well as TLC (Thin Layer Chromatography) with ready-to-go routines for different tracers.

Verify the quality of your products

TLC-Scan & Mini-Scan



KNAUER AZURA analytical gradient HPLC



AR-2000



Radio-TLC & Imaging Scanner

Modular-Lab HPLC



Flow-Count & HPLC-Scan



Radio-HPLC detector systems

- Easy and cost efficient HPLC and TLC analysis of radiopharmaceuticals
- Intuitive software tools for reliable data evaluation and flow management
- Multichannel analyzer and system suitability test available with the TLC-Scan
- Wide range of options and detectors for various applications and customized analysis