



## iQS-TS

Fully automated Theranostics Synthesizer for the preparation of  $^{68}\text{Ga}$ ,  $^{177}\text{Lu}$  and  $^{90}\text{Y}$  labeled biomolecules

# iQS-TS is a multipurpose automated cassette-based Theranostics Synthesizer facilitating the routine preparation of $^{68}\text{Ga}$ , $^{177}\text{Lu}$ and $^{90}\text{Y}$ radiolabeled biomolecules.

The computer run iQS-TS system offers predefined labeling protocols for the manufacturing of a wide range of tracer molecules such as PSMA and somatostatin analogs hence ensuring reproducibility and full GMP compliant process documentation.

User-friendly click'n'start cassettes and radiolabeling KITS with color-coded vials further facilitate an error-free handling of iQS-TS and consequently save precious time in daily routine.

Prior to every synthesis iQS-TS performs an automated pre-run machine test to guarantee the functionality of the entire system. Also, at the end of every synthesis an included filter integrity test is realized to assure the sterility of the final product.

The automated simple operation of iQS-TS makes the module especially favorable for clinical production of radiopharmaceuticals. Due to iQS-TS's extremely small footprint also smaller hospital radiopharmacies benefit from this new module.

Save time and obtain highest labeling yields in 17 min ( $^{68}\text{Ga}$ ) and 30 min ( $^{177}\text{Lu}$ ).

**Color-coded vials and cassette for error-free and timesaving handling**

**Included filter integrity test ensuring sterility in the final product**



## KEY ADVANTAGES

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### PERFORMANCE

- Computer assisted labeling with predefined labeling protocols for full reproducibility
- Fast synthesis time of only 17 minutes ( $^{68}\text{Ga}$ ) and 30 minutes ( $^{177}\text{Lu}$ )
- RFID tags for identification, tracking purposes and GMP documentation

### CONVENIENCE

- Automated pre-run functionality test
  - Fully automated system facilitating clinical production
  - Small footprint (26x21 x 18 cm) and a compact hygienic design for highest cleanroom requirements - especially convenient for hospital pharmacies
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**PRECISELY FOR ME.**



## PRECISELY FOR YOU.

The iQS-TS for  
Diagnostic imaging and radiotherapy

- ✓ time saving in daily routine
- ✓ outstanding performance
- ✓ compact size



**Produced by ITG.  
A company  
of the ITM Group.**

### **About ITM Group**

ITM Isotopen Technologien München AG is a privately held group of companies dedicated to the development, production and global supply of innovative diagnostic and therapeutic radionuclides and radiopharmaceuticals.

ITM's main objectives are to significantly improve outcomes and quality-of-life for cancer patients while at the same time reducing side-effects and improving health economics through a new generation of targeted radionuclide therapies in precision oncology.

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