PROCESSES & PERFORMANCE

A wide range of synthesis processes comes along with the module. Each of them is fully automated from generator elution - when relevant - to transfer of the radio-labell ed tracer into a vial. The process starts with a self-check of the equipment and the cassette. It ends with a rinsing cycle that drains most of residual activity to a waste vial, allowing an instant replacement of the cassette. EASYONE is immediately available for the next production of another tracer.

EASYONE allows complexation reactions with most radiometals. The table below only shows the most common tracers. As usual at Trasis, the yields are non decay corrected (Ndc), which truly represent the expected output.

Isotope	Molecules*	Setup time	Synthesis time	Yield Ndc
⁶⁸ Ga	⁶⁸ Ga DOTA NOC	1 min	12 min	> 80%
	⁶⁸ Ga DOTA TOC			
	⁶⁸ Ga DOTA TATE			
	⁶⁸ Ga DOTA PSMA 617			
	⁶⁸ Ga HBED PSMA 11			
¹⁷⁷ Lu	¹⁷⁷ Lu- peptides		30 min	> 99%

^{*} Solutions for other molecules are also available

STERILIZING FILTER INTEGRITY TEST

A sterilizing filter integrity test is automatically performed at the end of the synthesis. The filter is left in place during the test.

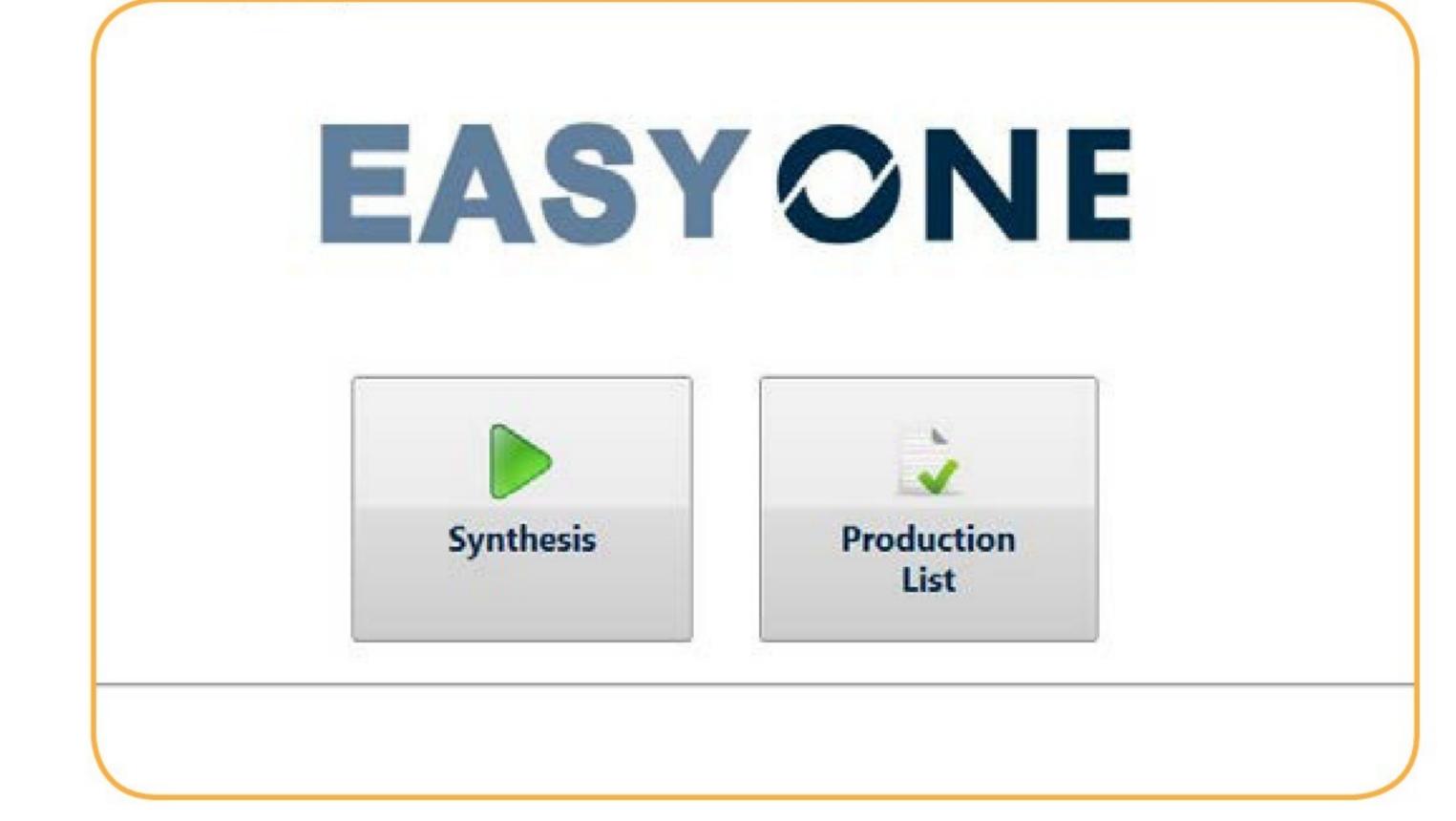
Thus, no operator intervention is required.

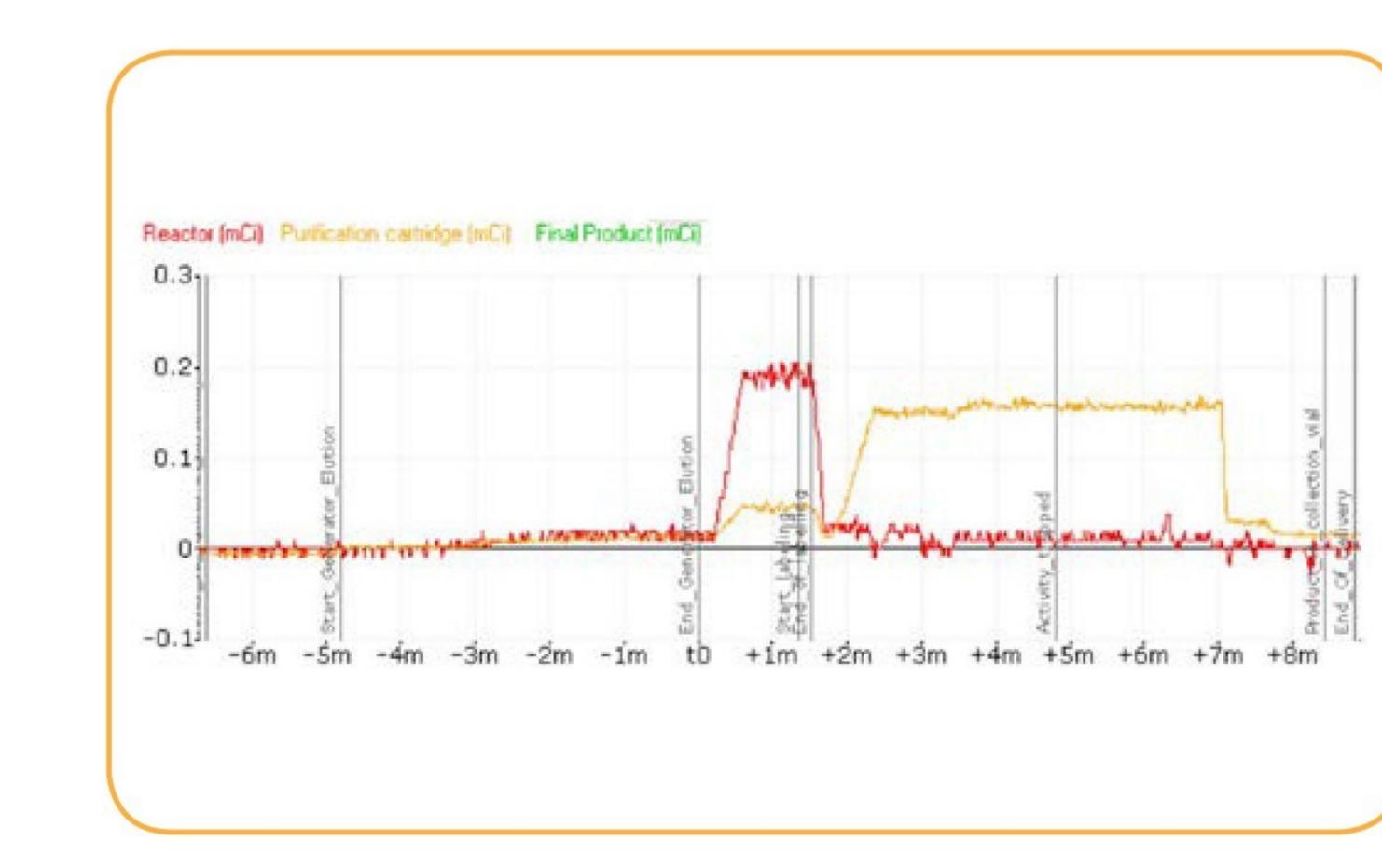
It suppresses the risk of exposure and contamination of the operator.

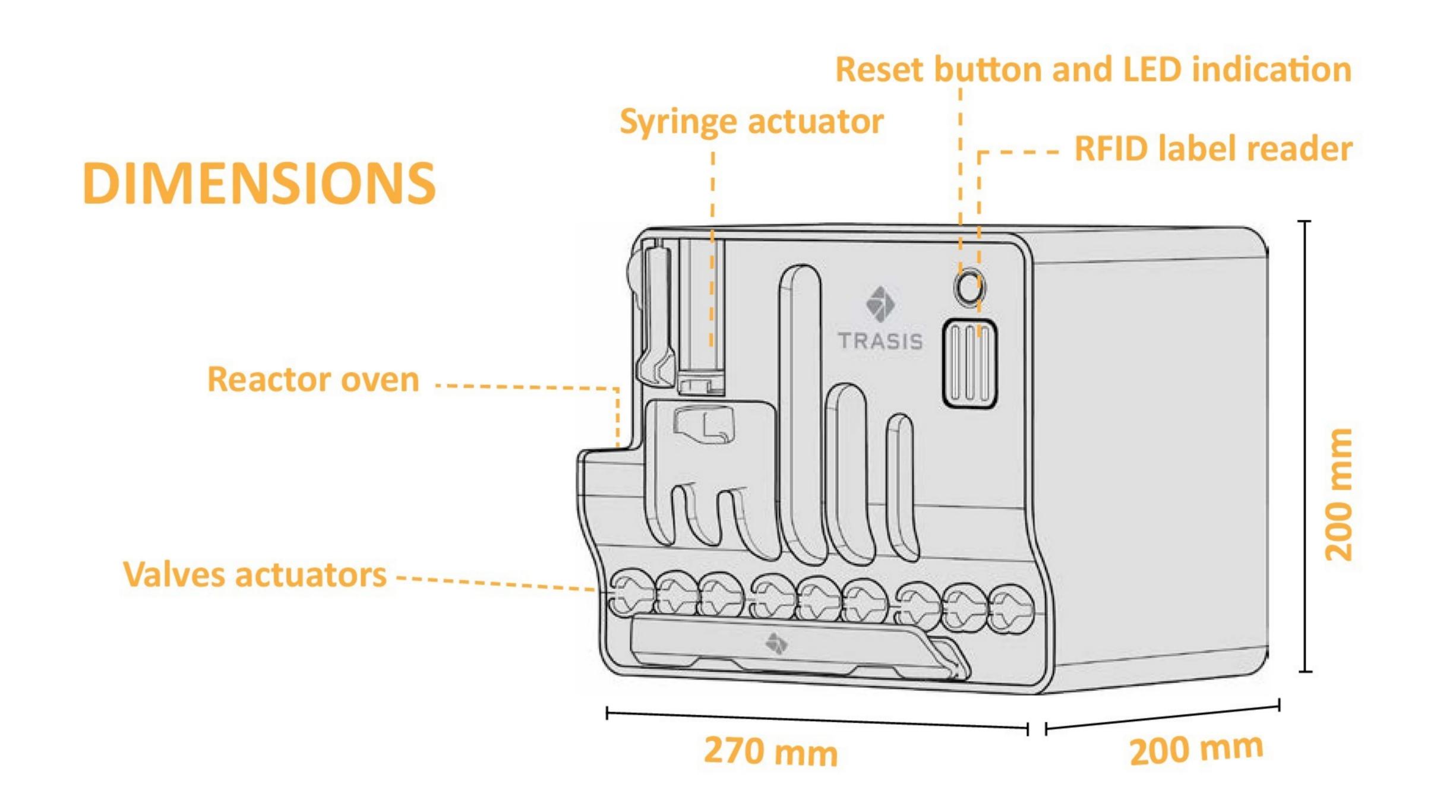
The test result is quite instantaneous and recorded in the synthesis report.

USER-FRIENDLY INTERFACE

EASY ONE is operated through an intuitive user interface. The operator launches the synthesis in a few clicks. The status of the generator is displayed when relevent. A comprehensive production report is generated at the end of the synthesis.







TECHNICAL SPECIFICATIONS

Compatible with all ⁶⁸Ga generators

Features	Quantity			
Syringe actuator	1	with position and pressure control		
Reactor	1	Up to 120 C°		
Gamma Radiation detectors	2	511 Kev [0,1;1000]mCi [0,004;37]MBq		
Valves actuators	9	electrically driven		
Communication				
Ethernet connection	1			
Extension ports for addition- nal features		Syringe driverValves actuatorsRadiodetectorsDigital inputs and outputs		

Trasis EASYONE