

# MINILABOTRON 2000

## 2 kW – 2450 MHz

The Minilabotron 2000 is a high-performance microwave-assisted equipment developed specifically for laboratory use in the fields of chemistry, biochemistry, etc.

It has the flexibility to meet all experimental requirements. It can be easily configured for different applications, including liquid phase, solid phase and gas phase reactions, in homogeneous and heterogeneous mixtures.

The Minilabotron 2000 is built of high-quality stainless steel, with a high degree of finish and shock-resistant. The internal and external surfaces are covered with a layer of anti-corrosive resin.

The double envelope construction of the microwave cavity allows the reactor to operate at high temperatures (250 °C) while the outer surfaces remain at room temperature. The microwave cavity is designed to provide a very uniform microwave field.

## APPLICATIONS

### LABORATORY APPLICATIONS

- Extraction
- Chemical synthesis

## KEY FEATURES

### DESIGN

- Compact footprint
- Double envelope construction
- Door with double security microwave leaks (2 airlocks)

### TECHNOLOGY

- High temperatures: 250°C
- Continuous-flow or batch experiments
- USB socket (data transfer)

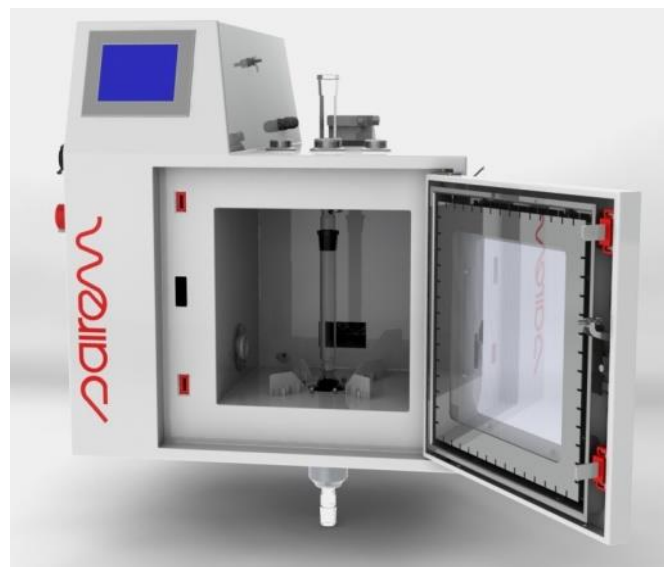
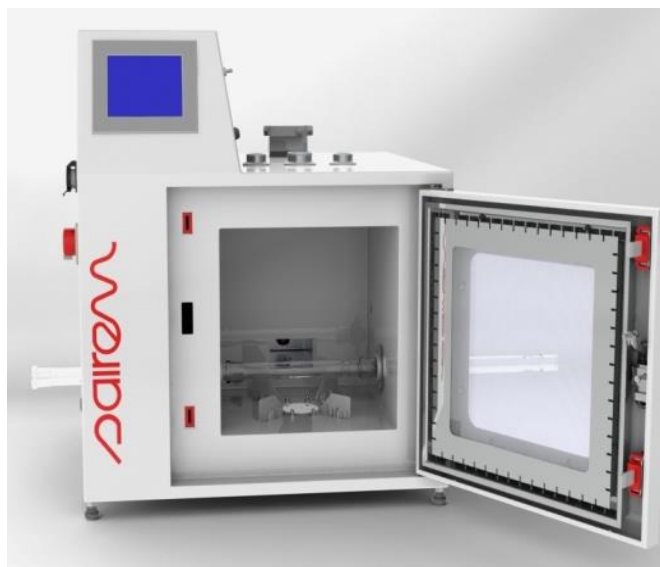
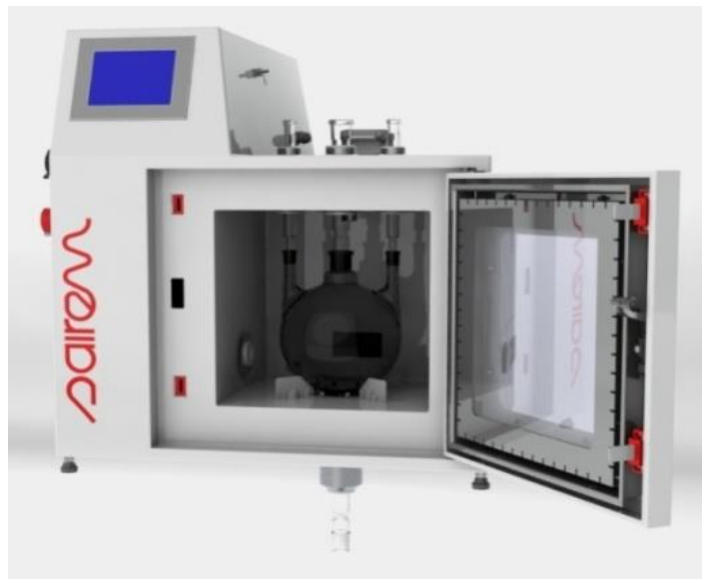


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Minilabotron 2000 with 0.5 to 3 L batch reactors (glassware not supplied)



Minilabotron 2000 with column type reactor horizontal and vertical (glassware not supplied)

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Optical fibre	Door safety interlocks	Ventilator
Digital touchscreen	4 adjustable feet	Cavity purge connection (nitrogen or air)
3 parallel chimneys	Mechanical stirrer (not provided)	Handles (2 on each side)
Continuous reactor chimneys (1 on each side)	Location for a magnetic agitator (not provided)	

To get the complete data sheet :

- full specifications
- technical drawings

**CONTACT US !**

