

## **BENEQ R2**

**The Beneq R2 is our most affordable** premium research reactor with sticker price of 130,000 EUR. This tool is compact, scalable and ergonomically designed to be the perfect way to start your ALD journey.



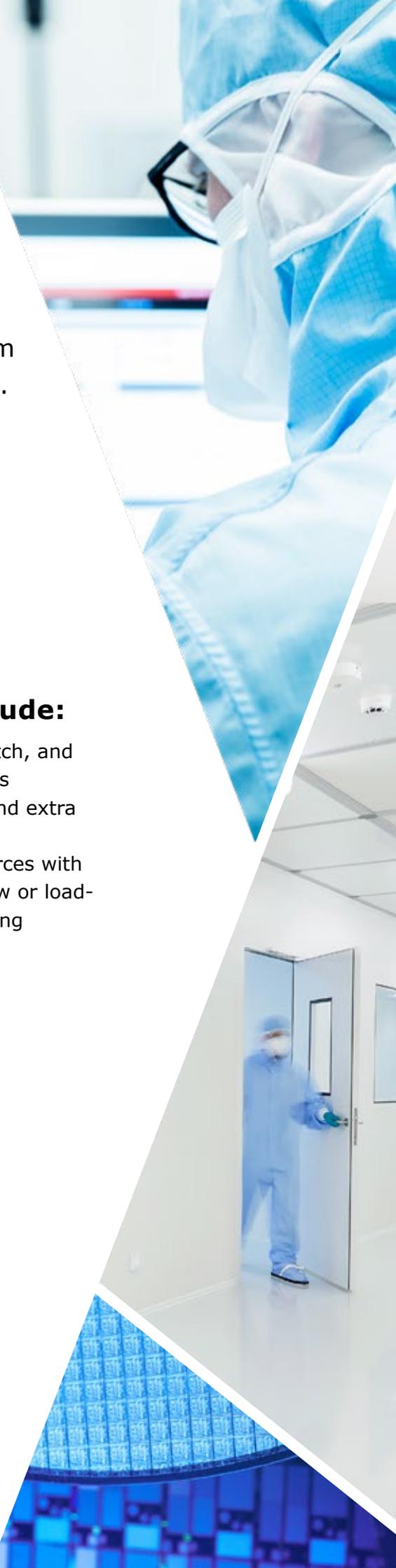
### **Options include:**

- Single wafer, batch, and plasma chambers
- Ozone cabinet and extra gas lines
- Set of 2 hot sources with either vapor draw or load-and-release dosing

**VALUE:** Beneq R2 has all the components of a premium ALD reactor packed into an affordable and approachable tool. With upscale features like a dual chamber design, R2 provides the best value for an ALD starterpack.

**SIMPLICITY:** The R2 is standardized to provide users with a straightforward and pragmatic tool ready to be used out of the box. All main components and electrical box are included in the tool frame, giving it a small, unassuming footprint.

**UPGRADABLE:** The modular design of the R2 allows for quick upgrades and easy maintenance, including a 3D chamber and plasma options, for when your ALD needs change.





# BENEQ R2 Specifications

<b>PROCESS TYPE</b>	Thermal ALD Plasma-Enhanced ALD
<b>USAGE</b>	Research & Development
<b>INTEGRATION</b>	Stand-alone
<b>DIMENSIONS</b>	1200mm × 600mm × 1630mm
<b>TEMPERATURE RANGE</b>	25–400 °C
<b>SUBSTRATE TYPE</b>	Up to 300 mm wafers 3D parts up to 300 × 420 mm

## Beneq Research Equipment

Beneq maintains the largest install base of ALD research equipment for academic research and corporate R&D. We are dedicated to providing customers with premium, versatile research equipment to meet demanding lab environments and enable cutting-edge results.



### **Beneq TFS200**

The most flexible and highly customizable ALD research platform.



### **Beneq TFS500**

Diverse configurations available for single and batch processes.



### **Beneq R2**

Compact, scalable, and affordable to start your ALD journey.

