



Empower Your Electronics Business with Memmert

Dear Valued Customer,

MEMMERT is one of the world's leading manufacturers of climate chambers and temperature control units. Our product range comprises climate chambers, heating and drying ovens, incubators, medical devices and water baths. In our role as **innovation leader**, our philosophy is to align new product developments with customer requirements whilst simultaneously striving for a **maximum level of quality, reliability and sustainability**.

Standardized manufacturing processes in our **ultra-modern production facilities** implemented by a 550-strong workforce of skilled and experienced employees guarantee consistent **high-quality standards**. With over 90 years of experience and an international network spanning the globe, Memmert is synonymous with **top 'Made in Germany' quality**.

MEMMERT: YOUR TRUSTED ALLY IN THE ELECTRONICS SECTOR

We offer the best solutions for your applications. Our cutting-edge devices, are suitable for

- Thorough vacuum drying of intricate electronic assemblies, such as printed circuit boards, after intensive washing
- Annealing or baking of electronic and mechanical components to enhance their properties
- Achieving bubble-free fusion of potting compounds using our Vacuum Oven (VO)
- Ensuring optimal climatic conditions for the storage of electronic components as well as for conditioning, ageing and corrosion tests
- Additionally, our equipment can be used for precision temperature control in various laboratory processes, such as polymer curing or material testing

WHY MEMMERT DEVICES OFFER THE BEST SOLUTION FOR YOU

RELIABILITY

- Highest **precision** and **stability** in all test scenarios
- **Top security** for your applications, samples and test series

HIGH QUALITY STANDARDS

- Highest **longevity** in the industry
- High-quality stainless steel for maximum **durability**
- Unique **all-round heating system** for maximum precision and temperature homogeneity

CONVENIENCE

- Devices are available in a **wide range** of model sizes and **individual configurations**
- Best **customer service** and **support**
- Data **documentation** for over 10 years



OUR PRODUCT HIGHLIGHTS AND APPLICATIONS FOR THE ELECTRONICS INDUSTRY

Humidity chamber HCP

Active humidity control creates a controlled environment for accelerated life and 85/85 tests.



Stress test (85/85):

For electronic components, a stress test at 85°C and 85% relative humidity is essential. Parts that pass this test demonstrate resilience to extreme conditions that are potentially be found in real-life environments. The HCP offers optimal performance under these critical climatic conditions thereby ensuring the reliability of tested components in such extreme environments. Memmert's HCP is specifically designed to offer perfect performance under these climatic parameters.

Cable ageing:

The heating cabinet is ideal for the testing and ageing of cables. The precise temperature distribution and high heat output are ideal for this application.

Drying:

Memmert's UF is very well suited for the drying of water residues thanks to its powerful fan and 100% openable exhaust air flap.

Universal oven U

Material tests, ageing of computer chips or drying and tempering electronic components.



Vacuum oven VO

Bubble-free fusing and subsequent curing of potting compounds on electrical components - dissipating heat more easily.



Oxidation-free storage:

The VO preserves oxidation-sensitive electronic materials by maintaining a pressure of just 5 mbar and preventing oxygen contact. The T5 option allows for the introduction of an alternative gas.

Potting compound drying:

Our vacuum oven ensures the crack-free drying of potting compounds, essential for preserving the conductivity and insulation of electronic components.

Memmert devices offer premium solutions for the electronics industry. The showcased products represent just part of our extensive range, which encompasses a myriad of solutions and services tailored to meet your individual needs. Trust Memmert to elevate your electronic manufacturing processes with our comprehensive portfolio of cutting-edge equipment and expert services.

CONTACT US

Do you have any questions about the **Memmert product range** or would you like to receive more information about how we can support your application in the electronics industry. Please get in touch with your **Memmert representative**, email us at sales@memmert.com or visit our product pages at www.memmert.com/products for further assistance.

Best regards,
Your Memmert Family

