m360 – SOLUTIONS FOR YOU

Proud member of the Memmert Family





m360
SOLUTIONS FOR YOU



Welcome to m360

Jürgen Grams
Director m360

Fulfilling your individual requirements for your Memmert appliance is our mission! As an integral part of the Memmert Family, we have been making custom-made products for over 40 years – we are the m360 experts!

With the constant aim of inspiring our valued customers and business partners with individual solutions, we develop and produce customized products based on Memmert's industry-leading temperature control and climate technology. We attach significant importance to personal contact with our customers. By listening carefully and consulting comprehensively on the individual needs of the customer, we are able to realize the full scope of the desired tailor-made solutions.

In the past, it was not uncommon for valuable features to emerge from custom-made products, which have now become established as part of our series of products. With a focus on the needs of our customers and our professional competence and openness, we are drivers of innovations from which you can also benefit. Let's inspire the market together with innovative and revolutionary developments!

We welcome you to the brand m360 and invite you to get in touch with us. The entire m360 team and I look forward to hearing from you.



Jürgen Grams
Director m360

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The m360 mission

m360 is a proud member of the Memmert Family.

THIS IS US

Since the 1980s, m360 has been developing and implementing customer-specific, premium solutions in the field of temperature and climate control technology based on Memmert series products. At Memmert's central production site in Schwabach, Middle Franconia (southern Germany), the m360 team of experts design and produce tailor-made solutions in close cooperation with customers and business partners in order to create the perfect atmosphere for every application.

In doing so, m360 focuses on the creative and innovative development of the established Memmert technology according to the individual wishes of the customers. This can be a simple modification of a series product from Memmert or an extensive project in the construction of special machines and systems.

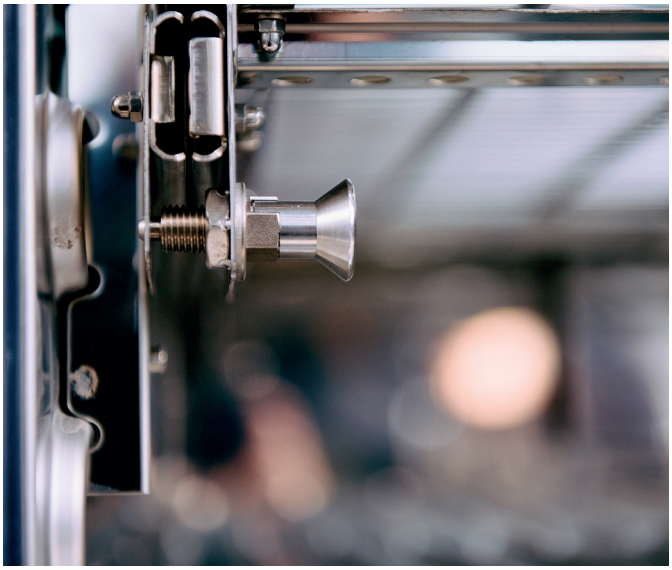
WHAT WE CAN DO FOR YOU

Our brand is aimed at international customers who are looking for solutions to special challenges in the field of temperature and climate control technology. We offer an extremely high customer-first focus to create products that do not exist in the market. We collaborate closely with the customer to understand and meet the specific challenges and requirements down to the very last detail. At the same time, our experts work intensively on innovative ideas which they identify as highly topical, e.g., automatic solutions for the laboratory. With our experienced insight into the market, our team can precisely estimate trends and special solutions that will be in demand in the future.

m360 MISSION

“With a focus on individual customer needs, m360 creates innovative high-tech products in the field of temperature and climate control technology. We work hand in hand with our customers to understand challenges and implement solutions and requirements down to the last detail.”






MENU
memmert





THE HOLISTIC m360 APPROACH



PROFESSIONAL ADVICE

First-class results are only achieved through attentive listening and individual advice.

01

The first contact

Do you have special requirements that you would like to solve with a custom-made m360 product? Contact our sales specialists or find out more on our website.

02

The questionnaire

With the help of a questionnaire, we gain information on your application and pay special attention to individual challenges and goals. In the case of less complex requirements, this questionnaire may already be sufficient.

03

The interview

More complex topics require an extensive interview with a high level of detail. In this discussion, our project team evaluates the questionnaire to determine the technical feasibility of the project.

04

The offer

For maximum transparency, the offer prepared by m360 is discussed in a personal meeting.

05

The order

After completion of the set-up phase and finalization of the offer, the implementation of the joint project begins.

YOUR PRODUCT MADE IN GERMANY

State-of-the-art machinery and materials of the highest quality are a priority for us.

To invest the highest possible quality and attention in your individual product, all parties involved in the project must collaborate closely. Our experienced developers are, therefore, based at the same location as our extensive production team. In close cooperation, we ensure that your order is manufactured perfectly down to the last detail in our state-of-the-art machine park, which specializes in sheet metal processing.



IN THE BEST OF HANDS WITH OUR GLOBAL AFTER SALES TEAM

m360 designs high-quality custom-made products according to your personal wishes and ensures the best results. Our optional after-sales services include among others:

The **m360** After Sales team is always there for you!

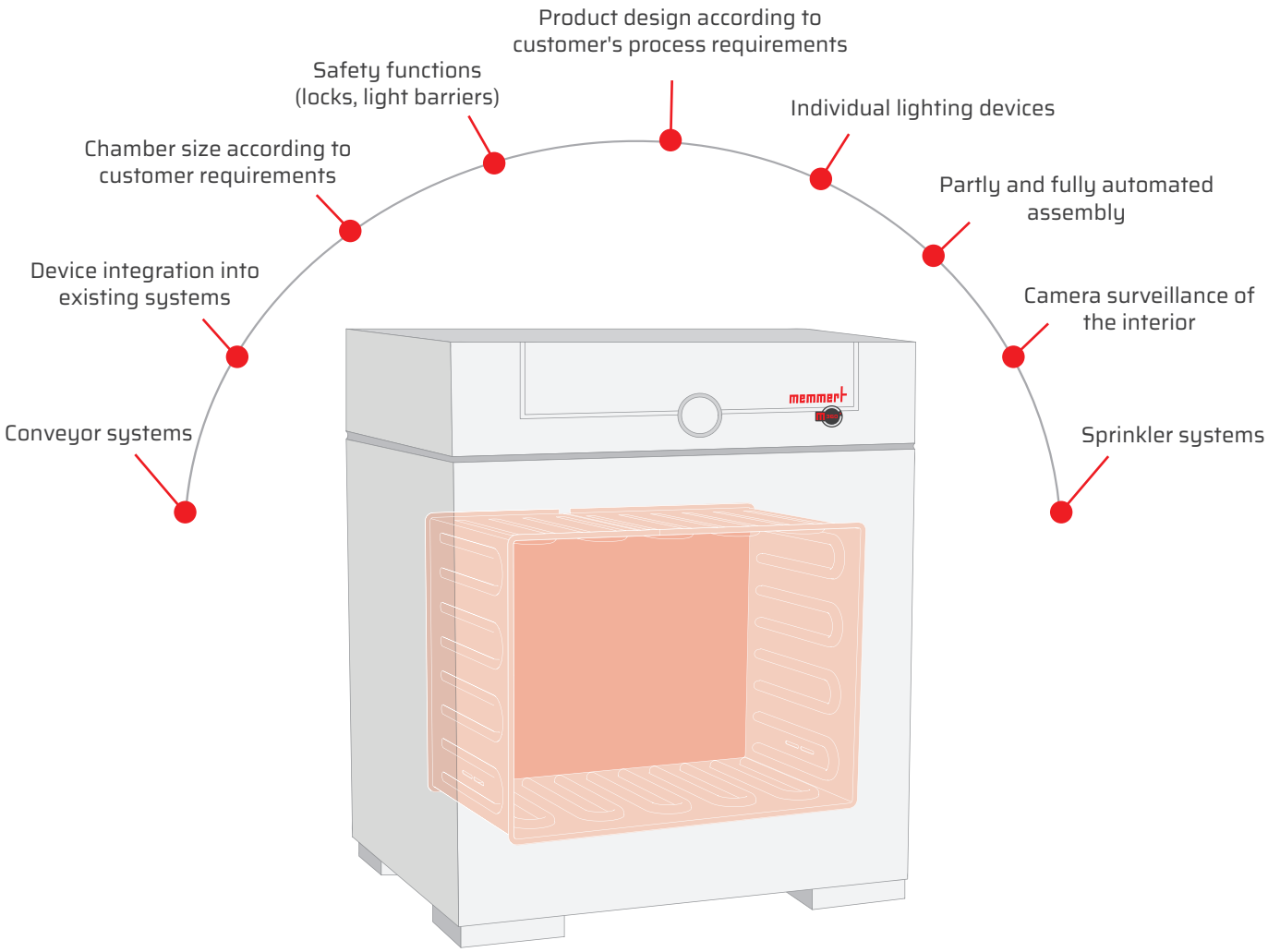
- Installation of your device by m360 experts
- On-site training for users
- Individual calibration and IQ/OQ/PQ
- Service, repairs, advice on user questions
- Extensive documentation
- ServicePlus: Regular, unsolicited maintenance of your device

INDIVIDUAL DESIGN MEETS STRATEGIC PARTNERSHIP

The range of services of m360 includes both small modifications and complex high-tech innovations.

m360 Innovations

m360 is the think tank for revolutionary innovations in temperature and climate control products. Our experts already know tomorrow's trends today and are working intensively on efficient solutions for your processes. Are you facing a technical challenge or would you like to carry out a complex application? Use our know-how and our production capacity for your project!





m360 Modifications

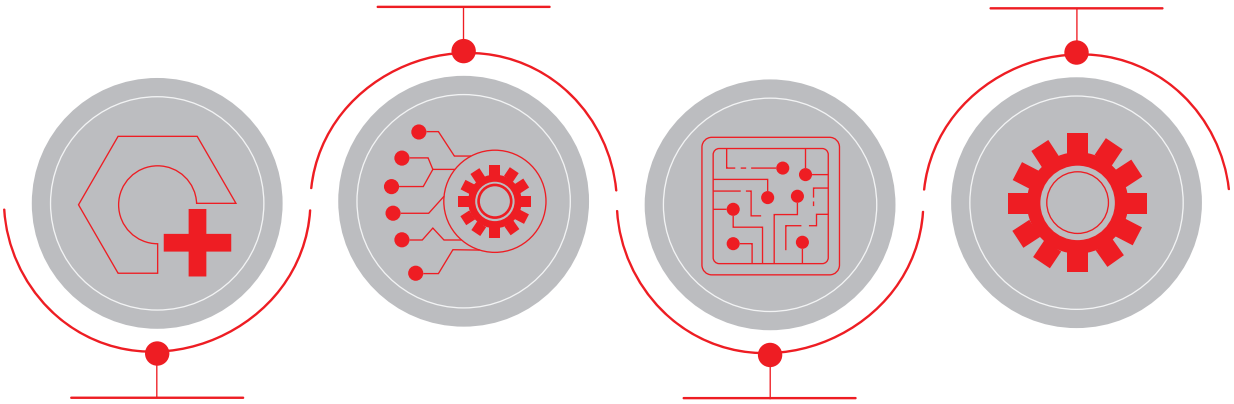
With m360 modifications and special accessories, you can unleash the full potential of your Memmert product. In our list of services, you will find a selection of frequently requested extensions of a Memmert basic device. This includes additions such as entry ports and traffic light circuits, as well as individual programming of the AtmoCONTROL software.

Software

Additional interfaces and individual parameters for temperature, humidity and CO_2

Mechanics

Customized interior fittings, entry ports of all sizes, telescopic slides



Accessories

Tailor-made subframes, modified perforated shelves, individual air filters

Electronics

Extended parameter and process monitoring through additional measuring sensors, optical and acoustic process monitoring and others





Success story: MTU AERO ENGINES

THE EFFICIENT 2-IN-1 SOLUTION

Two drying processes with a single universal oven

The challenge

Two fundamentally different loads with limited space in production! MTU Aero Engines develops and produces patented brush seals that first must be processed in a waterbath and then dried completely. Certain distances and angles must be maintained between the large and heavy sealing rings. Small components also must be dried for a second process. Since space is scarce in many workshops, the chamber should ideally cover both applications.

The solution

MTU opted for a custom-made drying oven UF1060 from m360. A tailor-made solution was developed together with the m360 experts, which enables the brush seals to be optimally placed and dried. The stop angle of the lower door hinge was adjusted so that it can only be opened up to 95°. Furthermore, adjustable locking slides and locking bolts were added, perforated shelves with upstands were developed for more stability and a reinforced telescopic slide was designed to shelves the weight of the brush seals. An additional special feature: thanks to specially designed exchangeable supports, perforated shelves and trays can be exchanged in just a few simple steps. This enables two different applications to be shelves out with the same interior design.

"The uncomplicated and well thought out solution from m360 enables us to dry our load according to our individual requirements. Thanks to the Memmert custom-made product, we achieve perfect results - for two different processes!"

- Hermann-Josef Peters, Investment Management
- Tobias Heyer, Head of Brush Seal Production
- Anna Braunwarth, Project Manager

About MTU Aero Engines AG

With three German locations and around 5,000 employees worldwide, MTU Aero Engines AG is Germany's leading engine manufacturer and a national and international driving force in the development, manufacture and maintenance of civil and military engines.

Sector: Aviation
Location: Munich, Germany
Employees: approx. 5,000
Customer since: MTU has been regularly purchasing Memmert products since 2016 as well as orders for custom-made devices from m360.

The UF1060 in detail

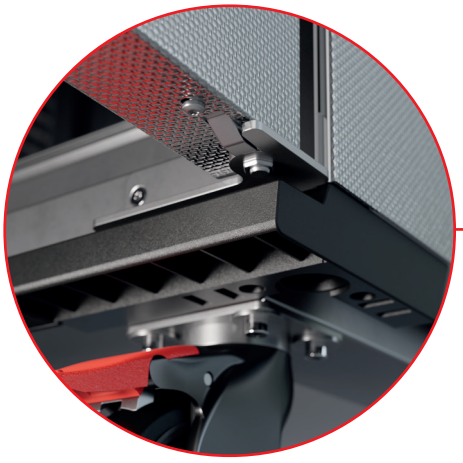
The reinforced telescopic rails can be fully loaded up to 100kg.

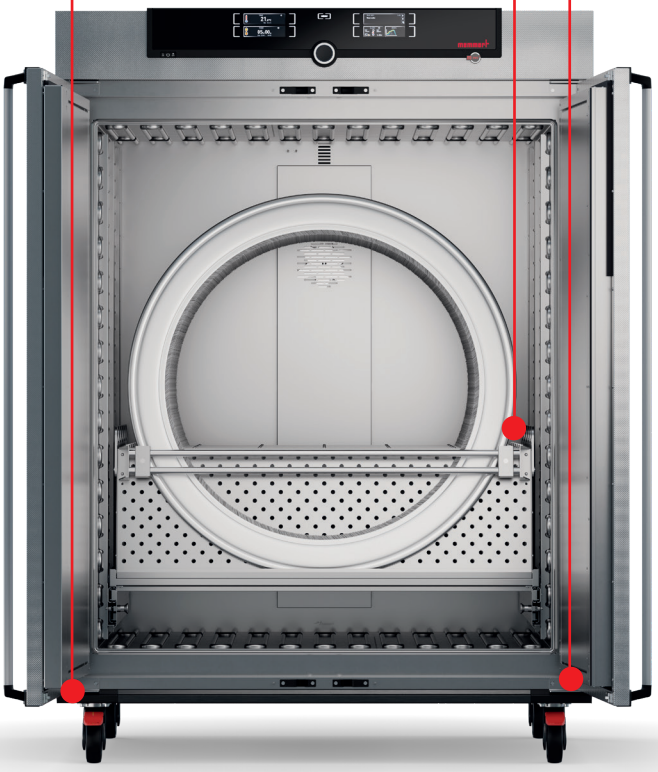


Lockable slides and bolts for optimal fixing and positioning of the brush seals.

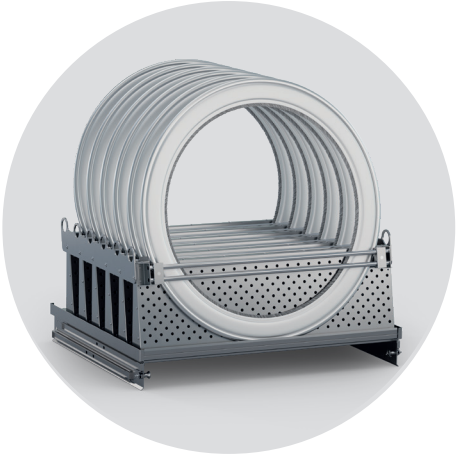


To save space in the workplace, the doorstop can only be opened up to 95°.





An interchangeable carrier for trays and pans enables two different applications in one device.



The sky is the limit



Success story: MASON TECHNOLOGY

DRYING OVEN WITH SPECIAL HEIGHT

The challenge

A Mason Technology customer was looking for a way to professionally dry a large number of approximately 10 mm catheter connectors. Such small loads require special storage areas. In addition, to use the space in the laboratory efficiently, the height of the interior of the device should be at least 1600 mm.

The solution

To meet the specific needs of Mason Technology customers, m360 designed an UF600plus - a drying oven at a very specific height. m360 developed this device according to customer requirements because the specific dimensions also result in completely new conditions in the drying oven. The heating conductors were laid individually and a 27-point measurement was carried out in the interior to ensure optimal temperature distribution according to the high Memmert standard. The device software AtmoCONTROL was then specially reprogrammed for this device to guarantee Mason Technology customers the desired functions and results. m360 also developed a special shelf with telescopic rails so that the load is inserted ergonomically. Due to the enormous height of the device, the handlebar has been reinforced so that the door can be opened easily.

About Mason Technology

Mason Technology is a leading provider of high quality scientific instruments, technical services and solutions for laboratory, production and maintenance environments across Ireland.

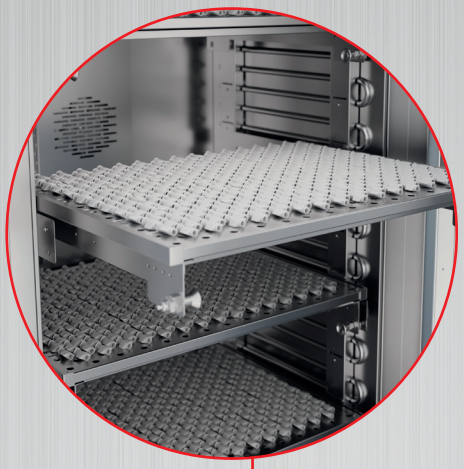
Sector: Laboratory equipment, industry
Location: Dublin, Ireland
Employees: 120
Customer since: Mason Technology has been a Memmert customer since 2011 and places orders for custom-made devices from m360.

“The advice from the m360 experts was impeccable and very professional. In just a few weeks, we had a device specially designed and programmed for our purposes in our laboratory.”

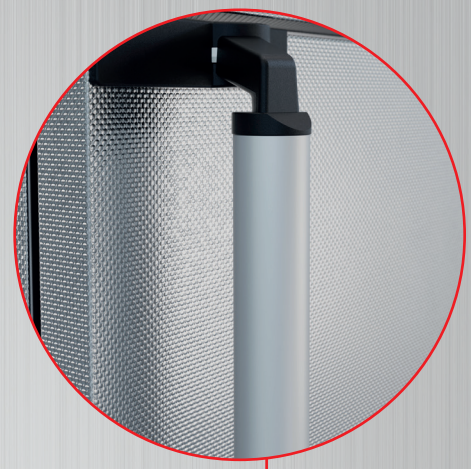
- Conor Sweeney, Technical Sales Consultant

The UF600plus in detail

Ergonomic telescopic rails and special trays make it easier to load the device.



The reinforced handle enables the particularly tall door to be opened easily.





Width = 824 mm
Height = 2150 mm
Depth = 684 mm + 56 mm
door handle

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