

memmert

Experts in Thermostatics

**KEEP COOL.
WE CARE**

for you,
for us,
for the environment,
for the company.

KEEP COOL. WE CARE.



Cli|mate|protec|tors
know no buts.

MEMMERT ACTIONARY

High time for action.

“Our economic success enables us to live up to our social responsibility. At the same time, our socially responsible actions enable our economic success.”

Your Christiane Riefler-Karpa,
Matthias Grosser, Jürgen Gambert

The word “sustainable” is not a modern creation. It was first used in the 18th century to appeal for the careful handling of wood. Because of the ruthless deforestation in emerging industrial countries, the first environmental protection movement was also born. Those who act sustainably have a long tradition.

Today primeval forests are declining worldwide. Poles are melting, sea levels are rising. Global warming caused by man-made greenhouse gas emissions is a reality. On the other hand, burnout and depression continue to spread. Sustainable thinking, action and management are more important than ever.

As a responsible company, we have been fighting against overexploitation of all kinds for many years: Overexploitation of the environment, natural resources, health, time, family and society. If a system loses its ability to regenerate, it loses its balance. This applies to nature as well as to man.

Sustainability is a matter of the heart for us. And we think it’s high time for action! We would be pleased if you were there.

KEEP COOL.
WE CARE for
the environment.

World|im|pr|ov|er
optimise theirselves first.

MEMMERT ACTIONARY

Environmental protection in practice

Because we only have this one world.

What do we do for
the environment?

- Development of resource-saving, energy-efficient products
- The use of recyclable stainless steel
- As little use as possible of composite materials
- Waste separation and recycling (as far as possible) for all production waste and residues
- The use of materials that are as environmentally-friendly as possible in production
- Fleet with e-cars

Environmental protection and careful use of resources have been part of Memmert's DNA for decades. We are driving the GreenLab forward with our energy-efficient and climate-friendly laboratory equipment. We were the first to use Peltier elements for the temperature control of high-performance incubators and climatic chambers. To date, no other manufacturer offers a wider range of cooled incubators and constant climate chambers with Peltier technology. The fact that the appliances are heated and cooled with one single system is unrivalled worldwide, as is our range of appliance sizes.

The European Union's new F-gas regulation aims to reduce emissions of fluorinated greenhouse gases by around 90 % by 2050 compared with 1990. In 2018, Memmert therefore began a gradual phase-out of synthetic refrigerants. The TTC/CTC environmental test chambers have already been converted to the more climate-friendly refrigerant R449A. We are also the first manufacturers of temperature control cabinets to use climate-neutral CO₂ as refrigerant in their cooling compressors yet.

740
megawatt hours
9.000 m² photovoltaic system on
the roof of the production plant.



VISION GREENLAB

Climate protection
is part
of our DNA

1 Vacuum oven VO

Saves around 70 % energy thanks to a speed-controlled pump

Energy-efficient speed control significantly reduces operating costs and extends diaphragm life. Our measurements showed energy savings of around 70 % compared to uncontrolled vacuum pumps.

2 ICHeco and ICPeco

The climate-friendly Memmert CO₂ cooling conquers the lab

The GWP (Global Warming Potential) value compares the effects of substances on the greenhouse effect. The refrigerant CO₂ (R744) used in ICHeco/ICPeco devices has a GWP value of 1 and thus proves to be climate-neutral.

3 Constant climate chamber HPP

Peltier-controlled XXL units with a volume of up to 2,200 litres

Memmert enters new dimensions with the XXL devices. With an interior volume of around 2,200 litres, the largest climatic chamber has been built to operate without the energy-intensive use of refrigeration compressors and conventional heating.

4 Peltier-cooled incubator IPP

The first device with the Peltier heating/cooling concept from Memmert

In the past, Peltier elements were used in coolers or small laboratory measuring instruments. In 2000, Memmert adapted Peltier technology for the first time for a laboratory device with high performance: Heating and cooling with a single system without compressors and thus refrigerants.



**KEEP COOL.
WE CARE** for
happiness.



Work|Life|In|te|gra|tion

Career phase kindergarten no problem.

MEMMERT ACTIONARY

Because life and job should not be opposites.

More than 400 employees. These are more than 400 life models with very different challenges. Some are at the very beginning of their professional careers, others bring children, career and leisure time under one roof; yet others consider what career step they want to take next. Of course, everyone has very different wishes and needs for Memmert as an employer. It is not easy to accommodate everyone, but we strive to be as close as possible: in an atmosphere of mutual trust, in which everyone is heard, everyone can develop according to their inclinations and abilities and everyone finds a way to keep a balance between family, career and leisure time.

What do we do for our employees?

- Promotion of further education and training, language courses
- Preventive examinations (e.g. optician) and flu vaccinations
- Healthy, freshly cooked food in the in-house canteen, drinking water counters and fruit
- Industrial psychologist for quick, anonymous help with problems and personal crises
- Yoga room, basketball court, football pitch and pond for swimming on the company premises in Büchenbach
- Team events and excursions and, if necessary, tutoring for trainees
- Sports and fitness offers such as running, back training, swimming, Nordic walking, football, promotion of subscriptions for the fitness center
- Joint participation in sports events such as corporate running events, Memmert Rothsee Triathlon, Triathlon Roth, regional running events etc.
- Child care in the company on working days when schools are on holiday

MEMMERT as an employer

as of June 2018

>1/3

female management team

40

nationalities

11

different formal training types



SPORT BINDS PEOPLE TOGETHER.

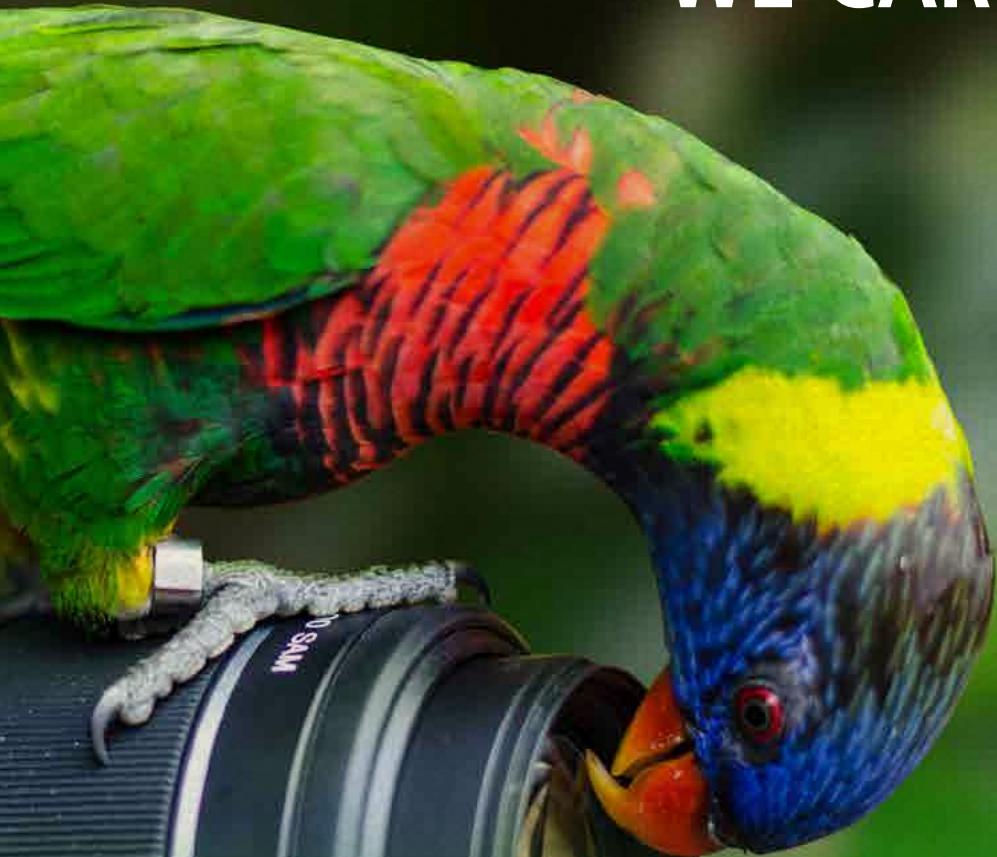
Across all borders.



Football tournaments, triathlon, corporate running events - our sports activities are so varied that we have founded our own sports club. In Team Memmert e.V., hobby athletes from the region have a common home for training and competitions.

Our company is located in the immediate vicinity of the triathlon capital Roth. Also many Memmertians have dedicated themselves to this tough endurance triathlon for many years. At the beginning, the focus was on the joint start at the world-famous Roth Triathlon. Meanwhile we are the main sponsor of the Memmert Rothsee Triathlon and support the regional children's running series Memmert Schüler Cup as well as Citylauf Schwabach.

KEEP COOL. WE CARE for you.



Mem|mert|Fa|mi|ly

MEMMERT ACTIONARY

When people come together who care about sustainability, fairness, respect, climate protection, loyalty and responsibility.

Sustainability has a long tradition at Memmert.

Memmert is a family-run company firmly rooted in the region of Central Franconia. Responsibility towards employees and business partners has always been a tradition. Support is given whether in sickness or personal problems and as thanks we receive decade-long loyalty and trust. Today, sustainable corporate management at Memmert is evident in many facets. Environmental awareness, concern for society in general and social commitment have expanded corporate responsibility over the years.

What do we do for the society?

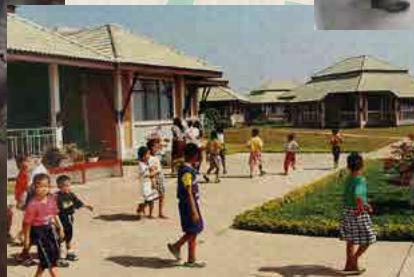
- Integration of refugees into the German labour market through training or jobs
- Generous support of numerous social projects, national as well as international
- Practical help with social projects

ACT GLOBALLY AND REGIONALLY.

Why we take responsibility.

We are committed both regionally and internationally to peaceful coexistence and a better society. Sometimes we support cheerful occasions such as festivals and sporting events, sometimes it is acute disasters or personal misfortunes for which we provide immediate financial aid. Sometimes we just give a person a second chance in life.

The employees at Memmert come from almost 40 countries. Some came to us after a dangerous escape. In the 1970s they were Vietnamese and Cambodian later Balkan refugees and many of them remained. Today refugees from Syria, Iraq, Afghanistan or Ethiopia who have found a little bit of home here and make the Memmert family even more colourful. Keep cool. WE CARE. And we have done so for more than 80 years.



www.memmert.com | www.atmosafe.net

Memmert GmbH + Co. KG | P. O. Box 1720 | D-91107 Schwabach
Tel. +49 (0) 9122 / 925 - 0 | Fax +49 (0) 9122 / 145 85 | E-Mail: sales@memmert.com
www.facebook.com/memmert.family | The platform for experts: www.atmosafe.net

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