

Performance

in Perfection





**Mihm-Vogt Laboratory
Equipment Guarantees
“Performance in Perfection”**



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Mihm-Vogt Quality for Secure and Sustainable Investments

Our dental laboratory equipment sets the highest standards for performance, reliability and functionality, and so guarantees friction-free processes and ultimate quality in the manufacture of dental prosthetics. Continual further development of our equipment is targeted on creating practical and future-proof solutions for demanding applications. Carefully selected materials and uncompromising production standards ensure that all Mihm-Vogt products are especially reliable and have a long working life. At the same time we employ environmentally sound manufacturing processes and materials.

The Challenge of the Future Development Continues at Mihm-Vogt

As one of the world's leading manufacturers of dental laboratory equipment, Mihm-Vogt GmbH & Co. KG has almost 60 years of experience to draw on. Over these decades of continual development, in close cooperation with our customers we have created numerous product innovations which have been repeatedly adapted to the latest requirements of dental laboratories and further perfected. With a great deal of understanding, inventive talent and the latest production techniques, we have time and again set higher technological standards and produced user-friendly laboratory equipment whose reliability and performance have convinced our customers worldwide.

With our new production plant in Stutensee and new machinery, we have now become even more efficient and stronger. In a production area of 1100 sq.m, our experienced and dedicated team develops and manufactures the next generation of dental laboratory equipment. With this extended range of products combined with our personal service, we are equipped to handle the most exacting requirements – and are ready for the challenge of the future.

2009

Moved into a spacious new building in the Friedrich-List-Strasse 8 in Stutensee with a substantially extended machine shop.

1999-2000

Added another floor to our production building.

1996/97

Dietmar Gräbe joined the company as new partner and managing director alongside Hermann Gräbe.

1974

Change of the company's legal status to become Mihm-Vogt GmbH & Co. KG with Hermann Gräbe and Hugo Mihm-Vogt as managing directors.

1969/70

New building in Karlsruhe, Dunantstrasse 7.

1956

Hans Zenkel left the company. Company's name changed to H. Mihm-Vogt Elektro- und Dentalgerätebau.

1952 Foundation

Foundation of the company. Company founded as Zenkel & Mihm-Vogt, Elektro- und Dentalgerätebau in Karlsruhe, Lessingstrasse 7, by Hans Zenkel and Hugo Mihm-Vogt.





The Reference Standard for Mature Technology and Optimum Results: Mihm-Vogt Sintering Furnaces



Mihm-Vogt supplies sintering furnaces for a wide range of applications and requirements: Models in widely differing versions and sizes are suitable for both small laboratories and large milling centres. The high-performance HT and HT-S sintering furnaces are the ideal complement to any CAD/CAM system. Our speed sintering furnaces save you valuable production time and shorten the sintering process substantially, depending on the material, to less than 120 minutes with heating rates up to 70°C/min. These units are freely programmable and offer you a free choice of materials, including translucent zirconium oxide. A drying program for self-coloured ceramics is especially user-friendly.





Perfect Quality for Maximum Satisfaction

With the z-Check inspection system faults in a workpiece can be detected immediately after the sintering process; fine cracks are identified on the spot so that further processing is only carried out on perfect workpieces. In this way z-Check can make an indispensable contribution to quality assurance in any laboratory or milling centre, and so ensures enduring customer satisfaction.





Reliable, Individual and Always Up to Date: Mihm-Vogt Laboratory Furnaces



Laboratory furnaces by Mihm-Vogt have been continually developed over many years. The aim was always to produce reliable, high-performance units that are optimised to meet the requirements and needs of laboratories.

You can choose from a wide range of models and electronic controllers according to whether the furnace is intended just for speed investments, or equipped with numerous programs with several stages. The painstakingly hand-made, four-sided heaters ensure a uniform temperature distribution in the furnace at all times. Most models are also available with air circulation, to process titanium, for example.

Laboratory furnaces from Mihm-Vogt can also be produced in customer-specific versions to meet individual requirements. High quality materials and outstanding workmanship ensure a long working life and enduring trouble-free operation. For example, a special powder-coating is applied to protect the stainless steel housing from aggressive substances. And the fireclay cladding meets the most stringent requirements for quality and durability.



Longterm Operation with the Right Accessories

Optional original accessories from Mihm-Vogt are the ideal complement to any laboratory furnace. For example, a vapour extraction blower helps protect the heating chamber by removing excessive moisture from inside the furnace, and so extends its useful life.

A catalytic converter contributes to reducing environmental pollution and ensures better conditions for laboratory staff, because wax vapours are burnt off, hazardous substances are decomposed and substantially reduced, and unpleasant odours kept to a minimum. Both the vapour extraction blower and the catalytic converter can be connected to the appropriate socket on the rear face of the furnace and directly controlled; they can also be retrofitted to any Mihm-Vogt laboratory furnace.

Mihm-Vogt in Practice: Laboratory Furnaces at the Carl-Engler School

The Carl-Engler School in Karlsruhe trains dental technicians under real-life conditions. Under school conditions and especially during examination periods, the equipment must fulfil very stringent requirements. Their proverbial reliability and our outstanding service were the crucial factors in the decision to equip the school laboratory with Mihm-Vogt furnaces. High-quality, reliable equipment is indispensable for every-day use in a school.

The simple operation and practical additional functions of these furnaces allow students and teachers to concentrate on their real tasks. For example, when starting using the timer, the display immediately shows when casting will be possible. Long-winded, time-consuming calculations for the timer setting are a matter of the past. With their easy handling and reliability, Mihm-Vogt laboratory furnaces are not just for training school applications, they are also ideal for use in your own laboratory.

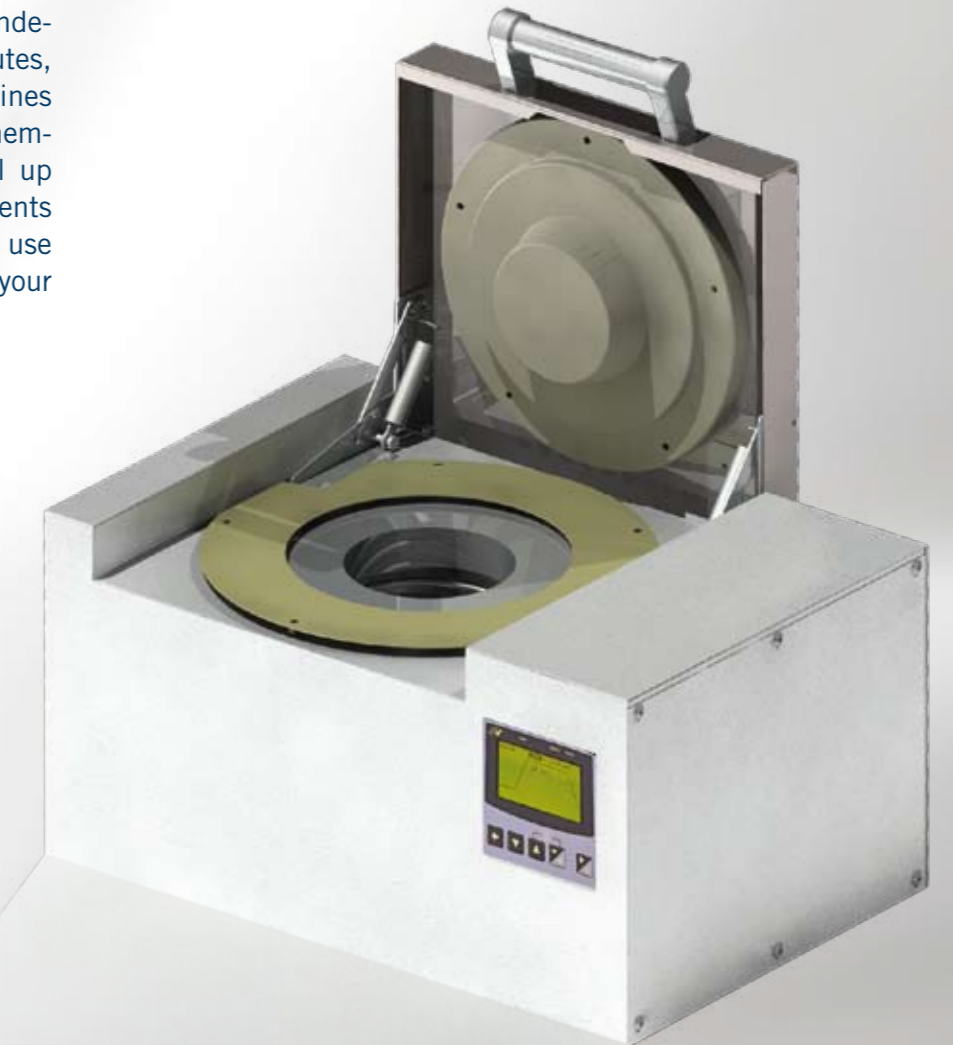
(Reproduced with kind permission from the Carl-Engler School, Karlsruhe)





Speed Pre-heating Ovens Speed Combined with Precision and Ease of Use

A new Mihm-Vogt speed pre-heating oven is the ideal addition to your laboratory, whether for pre-heating or to use as a small independent oven. It will heat up to 900°C in less than ten minutes, and can be equipped with a muffle. This compact unit combines speed with flexibility and outstanding ease of use. Using the membrane keypad and the graphic display, you can enter or call up intuitively programs with up to four stages for speed investments or conventional investments. Precise regulation and the ease of use provided by timer settings simplify your procedures and make your work more efficient.





The Perfect Solution: Electrolytic Polishing of Chrome-Cobalt Prostheses



Using Mihm-Vogt electrolytic polishing units it is really simple to polish investment cast prostheses electrolytically. Depending on the capacity required, the performance features you need, and the required degree of user comfort, there is a range of models available with, for example, bath heating, thermostatic control, and work-piece motion for optimum polishing results.





We Develop and Manufacture to Meet Your Needs

Mihm-Vogt is not satisfied just to offer you a wide range of high-quality laboratory equipment and the appropriate accessories to handle future-oriented technologies and materials.

Following our change of location, we now have a considerably greater range of production technologies and more flexibility, so that we are now better able to address your specific wishes and requirements. In close cooperation with you – whether for dental applications or beyond – we look forward to planning and developing your individual product.



Exhaust Hoods: Clean Air for a Pleasant Working Environment



So that work in dental laboratories can continue undisturbed even when furnaces and polishing equipment are in use, Mihm-Vogt offers matching extraction units. These units exhaust extracted air outside the building and have steplessly variable suction to ensure good air quality at workplaces at all times. A range of sizes is available to suit the number of laboratory furnaces or polishing units on the premises. Extras including a programmable 99-hour timer and grease filters help to ensure comfortable, pleasant working conditions. We use only reusable grease filters; they can be easily removed for cleaning and refitted.



Drying Cabinets: The Clever Addition – for CAD/CAM too



With a Mihm-Vogt drying cabinet, you can dry and harden your casting muffles. The removal of wax from muffles protects laboratory furnaces from contamination and so extends their working life. A vapour extraction blower is the ideal complement to a drying cabinet. The TSU-S is just as suitable for use as a dewaxing oven for rapid prototyping, or to support your CAD/CAM activities. These cabinets are also ideal for drying your green moulds or dipped blanks before sintering.

A Powerful Combination: More Commitment, More Technology, More Personality

When a practiced and ambitious team, which enthusiastically pursues active research and development work, is combined with the latest technology and an especially flexible company structure, the result is optimum conditions for outstanding performance. That is why Mihm-Vogt GmbH & Co. KG has had a successful market presence with future-oriented products and its unique attention to service for many years now. The people behind the brand make an enormous contribution to this success story. With their valuable know-how and their proximity to our customers, they are repeatedly able to devise practical, proven solutions – from practice for practice. Our customers are an integral part of these developments; we learn about their needs and ideas in our mutual discussions and convert them into intelligent product solutions.



Comprehensive Support for Mutual Success

Mihm-Vogt provides all its customers, before, during and after purchase, with comprehensive advice and individual support. Through close, dedicated cooperation in the initial stages, a customer's needs and requirements are precisely analysed and converted into customised solutions. Accompanying service and product training sessions ensure that customers' personnel can commission the equipment correctly and use it effectively. If a user needs assistance, he (or she) has access at any time to Mihm-Vogt Technical Support and can profit from competent advice from his (or her) personal contact partner.

Get in touch with us and make sure you profit from the products and services that Mihm-Vogt offers! The Mihm-Vogt team is at your service.

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