



**VITA**

VITA Shade Determination

4 out of 5 shade values worldwide

are determined using the VITA standards.

**Dr. Dominique Jahn**  
Dentist, Berlin





VITA Shade Competence

# All the materials needed for all shades of color. This is our shade competence.

Determining tooth shade. Communicating it. Reproducing it. Managing it. With VITA SYSTEM 3D-MASTER, dental technicians and dentists work hand in hand. All materials are precisely matched to each other and are completely available for the entire process chain. All tooth shades can be exactly determined and then just as reliably reproduced with VITA shade guides and digital shade measuring equipment: VITA materials are part of an overall system and are available in all natural tooth shades. That goes for all-ceramics, metal ceramics and acrylics, too. VITA provides all materials for all shades.

**Kes Carpenter**  
Dental technician, Berlin







# At the forefront of progress for laboratory and practice.

You wouldn't expect any less of us.



**Eva Kerschensteiner**  
Development Teeth

Together with her team, Eva Kerschensteiner devotes herself to the new and further development of tooth lines to fit each patient. With a focus on the user, she involves dentists and dental technicians throughout the world in the development work.



**Prof. Dr. Dr. Jens Fischer**  
Head of Research and  
Development

New materials are the topic of the future. Prof. Dr. Dr. Jens Fischer is in charge of an exciting and large area of responsibility at VITA. This includes ceramic materials, hybrid materials, polymers, prefabricated teeth and implants.



**Elena Di Benedetto**  
Deputy Head of Molding  
Department

The production of color sample plates and the insertion of teeth requires lots of experience and a very steady hand. Elena Di Benedetto has both. She has made a significant contribution to maintaining high quality standards at VITA for 10 years already.



**Monika Bräunlin**  
Group Manager  
Colorimetry

Colors and shades from VITA are always precise. Monika Bräunlin makes sure they are. Her area of responsibility includes checking the ceramic materials, supervising the shade formulas and the strict quality control of the shades.

VITA has been shaping progress in dentistry since 1924. Much has changed since then. One thing has remained the same: The desire to find increasingly better solutions for the fabrication of perfect prostheses. The demands and requirements of dental technicians, dentists and patients are always in focus. We constantly strive for improvement, enthusiasm in innovations. That is our tradition as well as our future.

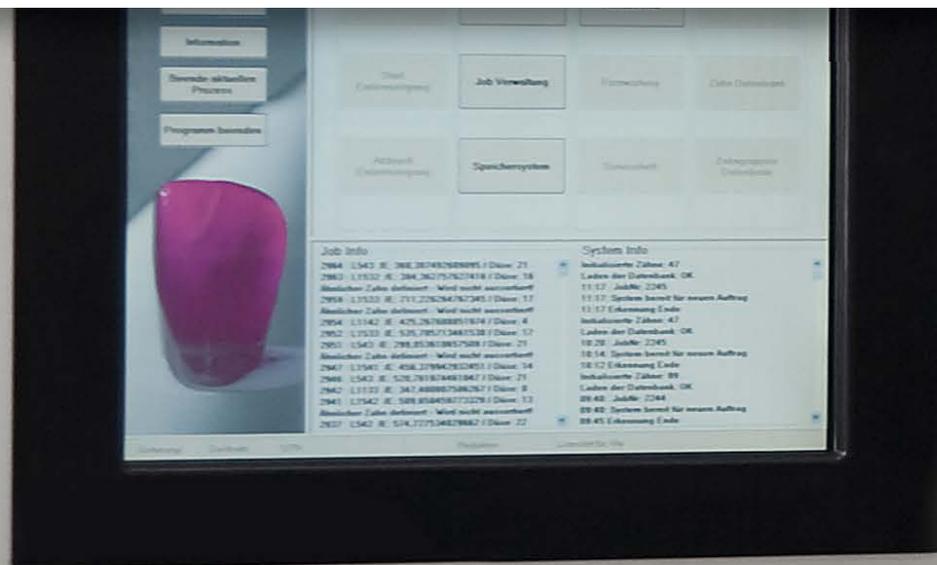
**Giuseppa Messana** Head of Department – Finishing.  
Responsible for quality-testing teeth.

# Quality that exceeds the norm. This is how we set the standards.

Quality accepts no compromise. But over and above that, the quality standards we set for ourselves are of the utmost importance. Only they ensure the fabrication of top-quality dental restorations. The best raw materials in combination with innovative production methods form the basis for materials of outstanding quality. In the production of our fine-structure ceramics, for example, only carefully selected feldspar is used. The result is a ceramic that is perfectly suited, both physically and aesthetically. Further evidence of VITA's exceptional quality is its polymer repressing technique. This gives our acrylic teeth their unique abrasion resistance.

**Günter Bessler** Production Manager.

Responsible for operational procedures and for highest compliance with manufacturing quality standards.





VITA Shade Standards

# VITA shade system.

We set standards.



Tooth shade is determined with VITA. Our company has done pioneering work in the field of tooth shade determination and communication and is shaping the future significantly. With the development of the world-renowned shade standard VITA classical A1–D4 for all dental materials in 1956, we standardized tooth shade determination for the first time. We made a further significant advance in systematic tooth shade determination with the VITA SYSTEM 3D-MASTER shade system introduced in 1998. The combination of digital tooth shade determination with the VITA Easyshade V as well as the smartphone app VITA mobileAssist perfects the objective determination and communication of the patient's tooth shade. With the help of VITA solutions, anyone can now accurately determine tooth shades either visually or digitally within seconds.

**Dr.-Ing. Wolfgang Rauh** Head of Dental Equipment.







VITA Teeth

## High-tech and handcrafted.

Double VITA in every tooth.



Perfect prostheses are based on the perfect example – nature itself. Understanding its laws and creating an equivalent is thus the most important requirement in the development and fabrication of each acrylic tooth. To achieve this we use the latest technology, ultra-modern materials and experienced specialists. For optimum sturdiness, wearing comfort and processing ease, we only process future-oriented polymer materials with specially developed fabrication methods. In addition, the esthetic detail of each individual tooth is visually checked. Prosthetics from VITA are also advanced in economic terms. Different tooth lines can be combined, for a more economical and efficient process, which is part of VITA's profitable system concept.

**Sarah Rupp** Administrator in the Artificial Resin Department.  
Responsible for availability and surveillance in tooth production.



VITA Veneering Materials

# The Art of Perfection.

The veneering system for unlimited creativity.



Flexibility and productivity are becoming increasingly important in the laboratory. More than anything, dental technicians today want efficient all-round solutions. The VITA VM veneering system offers unlimited creativity for every possible indication.

A layering concept for all stages of work makes VITA VM particularly intuitive. The ability to select between two layering patterns allows every user to find the best solution for each patient. VITA VM veneers are made from innovative materials for above-average ease of processing and wearing comfort. As easy as it is to use, its performance is equally as dependable.

**Saniye Turak** Operator in the Department FAB – Bottling room.  
Responsible for the printing on bottles containing veneering material.



VITA Machinable Materials

Over **25 years** of VITA CAD/CAM materials.

Over **31 million** successful restorations.



The introduction of VITABLOCS in 1986 and of VITA In-Ceram CAD/CAM blanks in 1993 helped to make the fabrication of all-ceramic restorations using CAD/CAM technology an established standard in the dental world. Since then over 31 million restorations have been made from VITA all-ceramics worldwide. This success has been an incentive for us to intensify our research and development program and develop even more effective materials. Today we offer a wide range of materials for almost every indication. This includes a variety of high-performance ceramics, an innovative hybrid ceramic, a composite material and a versatile press ceramic. And we continue to innovate in this field.

**Dr. Michael Dorn** Head of Ceramic Process Technology.  
Responsible for the development and implementation of ceramic manufacturing processes.





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VITA Equipment

## Intelligent design. Intuitive operation.



VITA is the market leader in shade determination and dental ceramics. In addition to excellent materials, we also develop state-of-the-art shade measurement devices and furnaces. Each of our new devices is based on the basic principle of progress and technology: simplifying processes even more and improving the results significantly.

One example is the VITA New Generation firing system. The possibility of combining furnaces, combipress or sintering furnaces and control units sets new standards in efficiency, ease of use and reliability. Among other things, this applies to its intuitive operation and modular concept. The furnace can be customized to suit individual needs and multiple sintering units can be operated with a single control panel. Also a trademark of VITA is the furnace's perfect design – a combination of high functionality and esthetics.

**Janett Hilgenfeld** Development of Dental Devices.

**Andreas Mattes** Head of VITA Device Service.





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VACUMAT 6000 M

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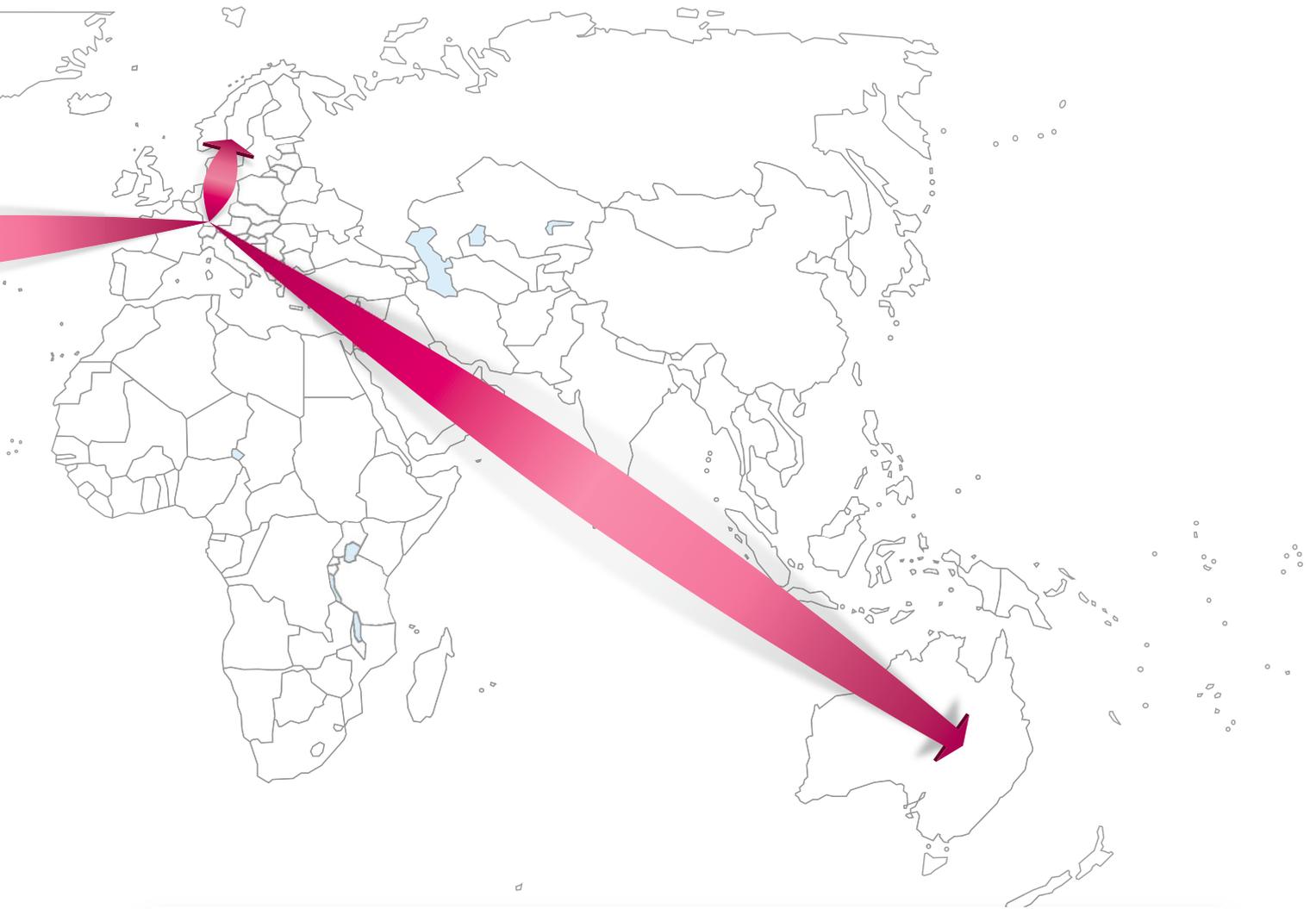
VITA Services

**Your competence** is our focus.  
Because for us, knowledge is **expertise.**

VITA is your knowledge partner. We support dental technicians and dentists with made-to-measure training for success in theory and practice. Materials, technology and treatment methods are always subject to change. In fact, change is the biggest constant. This requires action: With up-to-date training seminars, which are increasingly available in the form of e-learning.

Providing qualifications that are fit for the future. This way, we ensure that all users have the highest level of expertise for their own long-term competitiveness.





VITA International

## Our export hits.

From Bad Säckingen – out into the whole world.

Around the world, high-quality restorations are in demand more than ever before. Dental technicians and dentists in over 150 countries rely on materials, products and comprehensive solutions from Bad Säckingen. With our customer-oriented sales and distribution network, we are your dependable business partner wherever you may be. Our company is meeting the challenge of global competition with innovative developments, orientation to the requirements of our customers and the highest quality standards. VITA is a global brand for laboratories and practices – now and in the future.



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**VITA**  
VITA Valueguide 3D-MASTER

The times may be changing.

Our **dependability remains constant.**



Dear Business Partners and Customers,

The future is a wonderful place: there are so many exciting developments ahead of us. That's why I continue to look forward with confidence.

Though we at VITA have achieved so much in dental technology since 1924, we intend to keep on working hard to improve our products even further. You wouldn't expect any less of us.

For more than three generations VITA has been a byword for constant innovation and progress. At the same time, we have established a reputation for trustworthiness and reliability. When you work with us, you do so in the sure knowledge that you have entered into a lasting and open partnership. These are the qualities that distinguish family-run companies with a long tradition such as VITA: the knowledge that the interests of the customer coincide with those of the company. Because it is only when our customers are content that we too can be satisfied.

As a long-established and mature business, we have the patience and strength to plan for the long term and act accordingly, always putting the customers' wishes first. Because we are independent, we can grow with the market and in line with our customers' needs.

This not only makes us conscious of market movements but also makes us genuine partners of dental technicians and surgeons around the world – today, tomorrow and in the future.

A blue ink cursive signature of Henry Rauter, written on a white surface.

Henry Rauter  
Managing Partner



We may not be able to predict the **future**.  
But we can **shape** it.



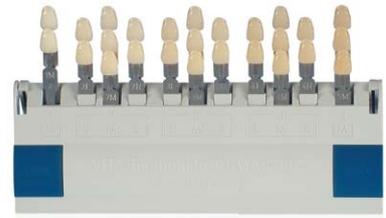
**1956**

Development of the vacuum-fired ceramic teeth VITA LUMIN VACUUM.



**1983**

Introduction of VITAPAN acrylic teeth and the first uniform shade standard. VITAPAN classical A1-D4.



**1998**

Introduction of VITA SYSTEM 3D-MASTER, allowing tooth shades to be systematically determined and reproduced for the first time.



**1930**

Development of the first VITA dental ceramic for the fabrication of individual restorations.



**1985**

The first patient is supplied with a VITABLOCS inlay.



**1962**

Introduction of VITA VMK.



**2001**

Introduction of VITA PHYSIODENS acrylic teeth with nature-identical features.



**1926**

Development of Helios teeth. First acrylic tooth with dentine/enamel layering.



**1956**

Introduction of the Lumin-VACUUM shade guide. A-D grouping of the tooth shades known.



**2002**

Introduction of VITA In-Ceram YZ pre-sintered zirconia blanks for the fabrication of all-ceramic crowns and bridges.



**2007**

Introduction of VITA LINGOFORM acrylic teeth with multifunctional characteristics.



**2003**

Introduction of the VITA VM concept – the veneering concept for ceramics and acrylics.



**2008**

Introduction of the VITA Linearguide 3D-MASTER for simplified and unambiguous determination of the correct tooth shade in accordance with VITA SYSTEM 3D-MASTER.



**2003**

Introduction of VITA Easyshade – the first generation electronic spectrophotometer for digital tooth shade determination.



**2010**

Introduction of VITABLOCS RealLife with three-dimensional block structure.



**2011**

Introduction of VITAPAN PUS acrylic teeth with an especially natural appearance.



**2009**

Introduction of VITA New Generation – the VITA VACUMAT 6000 M premium firing unit, VITA VACUMAT 6000 MP combipress unit, VITA ZYRCOMAT 6000 MS HighSpeed sintering unit, and the VITA vPad control unit available in four different versions.



## 2015

Introduction of VITA VM LC flow materials – the low-viscous consistency for detailed layering in the cervical and incisal areas.



## 2013

Introduction of VITA Easyshade Advance 4.0 – the fourth generation electronic spectrophotometer.



## 2015

Introduction of VITA Easyshade V – the connection of digital tooth shade determination with mobile smartphone application.



## 2013

Introduction of VITA ENAMIC – the first hybrid dental ceramic in the world with a dual-network structure.



## 2015

Introduction of VITA IMPLANT SOLUTIONS – VITA ENAMIC IS, VITA CAD-Temp IS and VITA SUPRINITY IS for implant-supported restorations.



## 2013

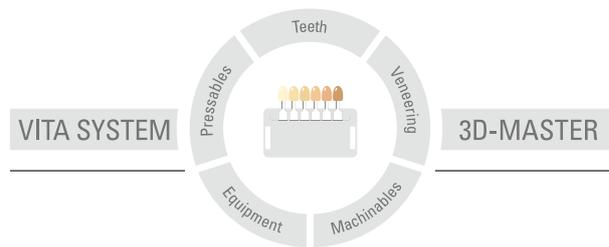
Introduction of VITA SUPRINITY – the new zirconia-reinforced, high-performance glass ceramic.



## 2014

Introduction of the VITA V60 i-Line with a clear statement: Uncompromisingly high-performance!





# VITA

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