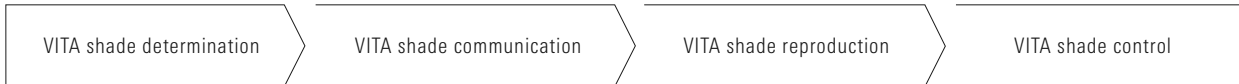


VITA dental furnaces

Cost-efficient systems with the highest functionality.



VITA – perfect match.

VITA

VITA VACUMAT® 6000 M/MP, VITA ZYRCOMAT® 6100 MS and VITA V60 i-Line® PLUS Customize for individual requirements

**Four dental furnaces, one answer:
Modular construction for maximum flexibility and cost effectiveness**

Reliable tools and systems are the key to satisfaction. VITA dental furnaces allow customers to serve as the architect of their own furnace systems, comprehensively meeting the demand for cost-effective device technology and optimized processes. Thanks to its modular structure, this innovative concept enables users to achieve the ideal custom solution when configuring their own firing system.



The VITA furnace portfolio is comprised of the VITA VACUMAT 6000 M premium firing unit, the VITA VACUMAT 6000 MP combipress and firing unit, the HighSpeed sintering furnace VITA ZYRCOMAT 6100 MS and the VITA V60 i-Line PLUS ceramic furnace. A choice of two control units and various accessories complete the system. All VITA devices are developed and manufactured in Germany.

Simply choose the specific modules that you require – your system can be upgraded at any time. The VITA dental furnaces provide individuality and flexibility, and thanks to VITA Energy Efficiency, offer excellent economical value.



VITA VACUMAT® 6000 M Premium quality is standard



Standard accessories: VITA VACUMAT 6000 M



LED light bar

User-focused

The fully automatic, microprocessor-controlled firing unit is ideal for all dental ceramic firing requirements. The dental furnace impresses with superb quality and esthetics, and offers outstanding firing results, user safety and convenience.

Convincing down to the very last detail

Thanks to its optimum ergonomic design, the furnace takes up a minimum amount of space. Two integrated cooling trays support safe storage of fired objects, while the clearly visible operating status display and a choice of acoustic alerts reliably provide information on the operating status, even across longer distances. The captivating design, available in one of six quality contemporary finishes (anthracite, crimson, sky blue, jet black, turquoise blue, traffic white), is esthetically pleasing for your work area.



New firing chamber materials

The latest generation of firing technology

All materials and technical details have been tailored to customer and material requirements and optimized for the following goals:

- Perfect function
- Maximum service life with optimum reliability
- Support for the user in all tasks

With VITA VACUMAT 6000 M, you benefit from:

- Innovative firing technology and high-tech materials inside the firing chamber for even better homogenous heat distribution
- A firing muffle with maximum durability ("Made in Germany") and reliable electronics for consistently excellent firing results
- An ergonomically optimized setup and modern design
- A variety of monitoring and service programs are included for maximum safety, speed and convenience while working. For example:
 - Automatic prevention of condensation in the firing chamber (VITA AntiCon)
 - Automatic temperature adjustment to ± 1 °C every time a program is started (VITA AutoAdjust)
 - An automatic cleaning function (VITA SpecialClean)
 - Controlled fast cooling and energy-saving night mode (VITA Energy Efficiency)
 - Power supply failure protection



VITA VACUMAT® 6000 MP Our maxim is efficiency



Pressing attachment

Firing and pressing perfectly combined

This combipress unit combines all the advantages of a modern firing and press furnace with a compact design that sets new standards. VITA VACUMAT 6000 MP features all the programs and functions of VITA VACUMAT 6000 M. It can also be used to press all commercially-available press ceramics, and is suitable for a wide variety of muffle systems. The automatic detection of the number of pellets that have been used prevents any pressing errors (VITA PressControl).



Standard accessories: VITA VACUMAT 6000 MP

Maximum reliability.

With the ceramic press technology from VITA (VITA CPress), long run times and fault-free operation are standard. Unlike mechanically or electrically-operated press furnaces, VITA furnaces are pneumatically driven. This method is significantly better suited to the required press forces, with almost no wear and tear.

With VITA VACUMAT 6000 MP, you can benefit from:

- All the features of the VITA VACUMAT 6000 M
- Fault-free ceramic press technology developed by VITA (VITA CPress)
- Premium quality with innovative firing and press technology
- An ergonomically optimized setup and modern design
- Press path monitoring with automatic detection of the number of pressing pellets used (VITA PressControl)



VITA ZYRCOMAT® 6100 MS Measurable benefits



VITA ZYRCOMAT 6100 MS offers a choice of three sintering modes: HighSpeed, conventional and user-defined. The ultimate in flexibility!



Standard accessories: VITA VACUMAT 6100 MS

Unbeatable performance for the highest temperatures Benefit from the VITA ZYRCOMAT 6100 MS.

Developed and manufactured entirely in Germany, the VITA ZYRCOMAT 6100 MS delivers:

- Homogenous distribution of heat inside the sintering chamber
- Fully automatic calibration with guaranteed temperature accuracy (VITA AutoAdjust)
- Extended service life and long-term, energy-saving operation (VITA Energy Efficiency)
- Gentle sintering of all conventional materials, such as white and highly-translucent industrially and manually pre-colored zirconia in all operating modes, for consistent and convincing firing results



LED light bar

Acoustic. Optical. Sophisticated.

An LED light bar and freely adjustable acoustic alerts provide reliable information on firing progress, even across longer distances.

The ventilation system also sets new standards. The unit is cleverly designed so that rising heat is safely routed away from the electronics.

As a result, the electronics are continuously protected against thermal loads.

Superior equipment with

- HighSpeed sintering in 60 minutes (VITA HighSpeed)
- HighSpeed sintering of bridge frameworks with up to 14 units
- Sintering of all ceramic dental framework materials based on ZrO_2 and Al_2O_3
- Gentle, stress-free sintering in all modes through controlled cooling up to $200^\circ C$
- VITA PreDry - integrated low-temperature pre-drying with seamless transition to sintering
- VITA SpecialClean - regenerating cleaning function with integrated reconstruction of the glass protective coat of the heating element
- Optional modular system upgrades for greater flexibility and economy
- The quietest, fastest and most compact furnace in its class

HighSpeed sintering for everyone

Fast. Faster. ZYRCOMAT.

You too can maximize your output with VITA ZYRCOMAT 6100 MS.



VITA vPad Two models for all your requirements.

VITA vPad comfort



VITA vPad excellence



Options enable flexibility

VITA vPad comfort and VITA vPad excellence – both control units offer an intuitive, user-friendly interface, as well as intelligent software that automatically corrects invalid entries, making your work easier, more convenient and more reliable. Whether you are a conservative practitioner who wants to simply and safely achieve the perfect firing result, or an individual who wants an exclusive and convenient solution – with VITA vPads, there is something for every requirement.

Maximum cost-effectiveness

VITA vPads provide maximum efficiency and cost effectiveness. The VITA vPad excellence allows you to control up to four dental furnaces. There is no need for an additional control unit if further firing, combipress or sintering furnaces are purchased.

VITA vPad comfort Easy. Proven. Reliable.

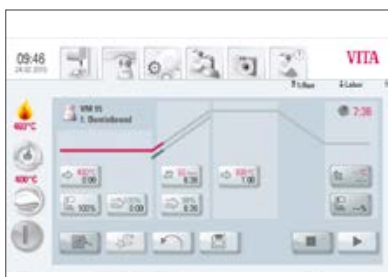


VITA vPad comfort

Convenience is an important benefit. When implemented correctly, it improves efficiency and saves time.

The VITA vPad comfort is the perfect example. The control unit not only boasts an innovative and stylish design, it also offers an unprecedented level of operating convenience. A 10-inch TFT display of the newest generation with intuitive symbols and an integrated photo viewer offers convenient operation.

Features and functions



Programs

- **500** customizable firing, pressing and sintering programs
- Preinstalled firing programs for immediately starting the firing
- Program modification while a program is running
- Integrated instructions for use for all VITA materials

USB

- A USB port for connecting a mouse or PC keyboard
- Simple transfer of firing programs to other vPad comforts via a USB flash drive for process optimization
- USB drive for updating

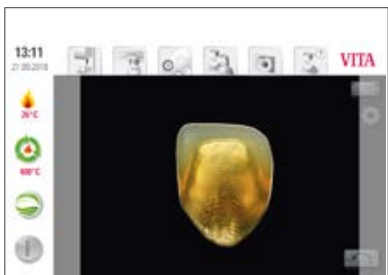


Photo viewer

- With a variety of functions for displaying and saving patient photos
- **2 GB** of memory

Monitoring and service functions

- Proof of quality as all firing data is saved (FDS - Firing Data System)
- Energy-saving night mode (VITA Energy Efficiency)
- Display of operating hours for the unit and firing muffles
- VITA AntiCon – automatic function for prevention of condensation
- PDP* function (*Personal Data Protection) for saving custom settings
- Freely selectable acoustic alerts for the current operating status
- **Two-year** equipment warranty

VITA vPad excellence Say hello to the future



VITA vPad excellence

The highest quality standards are customary for VITA, and are demonstrated with the top model VITA vPad excellence. This control unit offers the user maximum functionality and operating convenience, for optimal ease of use.

The 10-inch TFT display with self-explanatory symbols and an integrated photo viewer, as well as a host of additional extras, offers even more convenient and exclusive intuitive "one-touch" operation for controlling up to four firing units.

Features and functions

VITA vPad excellence offers all the options and functions of VITA vPad comfort. The control unit also impresses with the following features:

- Control of up to **four** VITA firing units using a single control unit via a switchbox
- Vacuum supply of up to four VITA dental furnaces with just a single VITA vacuum pump, thanks to VITA MultiPump
- **10-inch** TFT display
- **1000** customizable firing, pressing and sintering programs
- All VITA materials and many competitor programs are already preinstalled for immediate start of firing
- Configuration of up to **eleven** user profiles with write-protection for personal programs (favorites) and custom settings
- One SD slot
- **Two** USB ports for connecting a mouse and PC keyboard, a USB flash drive for software updates or for uploading or downloading photos, profiles and firing programs
- Photo viewer with **two** GB of memory and advanced functions
- Integrated instructions for use for all VITA materials
- Intelligent service cycle monitoring
- Digital assistance function, including video function
- Web browser via WLAN
- Quality assurance through firing data storage
- Freely designed desktops
- Guided initial setup
- Automatic online update function via WiFi.

Programmed for the future

As demands and targets grow, so do VITA vPad options. You can configure up to 1000 customizable firing, pressing and sintering programs for all dental ceramic materials, or import / update these directly using a USB flash drive. With the VITA vPad excellence, the latest updates are provided via WiFi. With VITA vPad comfort, you can install the latest updates using a USB flash drive.



VITA FURNACE App For the perfect overview

The VITA FURNACE app allows you to use the VITA vPad excellence to communicate via WiFi with the VITA VACUMAT 6000 M, VITA VACUMAT 6000 MP, VITA ZYRCOMAT 6000/6100 MS and VITA V60 i-Line PLUS firing units.

The app can be downloaded free of charge from the Google Play store. The following system is supported: Android devices (smartphones & tablets) starting from Android 5.0.

The app offers you the following features:



Status display

- Indicates the progress of the current firing program
- Improves and optimizes process workflows and personal time management



Messenger-function

- Sends a notification at the end of the firing program
- Avoids idle time



Device data

- Device data can be viewed and sent directly to the VITA device service team



Standby function

- Activates or deactivates the standby function
- Avoids loss of time



User videos for VITA materials

- Help tool that includes tips for improved VITA material processing

VITA V60 i-Line® PLUS Superior performance. No compromises.



Focus on ease-of-use

The VITA V60 i-Line PLUS focuses on two key aspects: excellent long-term firing results and intuitive ease-of-use. With its timeless design, the new furnace combines proven quality and modern technology at an attractive price.

Fulfill expectations

Essential functions and unbeatable value provide effectiveness and ideal performance.

The VITA V60 i-Line PLUS impresses with a seven-inch touch display, intuitive user interface and the familiar, long-lasting VITA quartz muffle for perfect firing results. The durable and stable metal housing and attachable cooling trays are extremely resilient and sturdy.



VITA V60 i-Line® PLUS Your benefits



Outstanding firing results



Particularly user-friendly basic, service and control programs

- **User friendly** With its large, high-resolution touch display and intuitive menu navigation, working with the VITA V60 i-Line PLUS couldn't be easier. The minimalist design and robust technology direct your focus to one central function: reliable firing.
- **Set up and get started** No complicated assembly processes – simply connect, switch on and start working!
- **Made in Germany** Superior engineering skill and outstanding quality.
- **VITA quality:** The finest grade materials and components are used with just one goal: uncompromising reliability.
- **Easy servicing:** Modular structure and easy access to all wear parts, as well as an organized arrangement, makes servicing easier and more cost efficient.
- **High-performance ceramic furnace** A real workhorse. Extremely robust, with integrated protection against current fluctuations, as well as a particularly long-lasting VITA quartz muffle.
- **Focus on the essentials** A definitive, proven furnace concept that intentionally leaves out additional costly functions. This device delivers core functionality in reliable fashion.



A new WiFi USB flash drive is coming soon:
The WiFi USB flash drive enables regular online updates, so that your furnace is always up to date.

With the WiFi USB flash drive, you can connect to the VITA FURNACE app. This allows you to conveniently follow the progress of the firing cycle on your smartphone, and to see the firing time or switch the unit on/off remotely.

"The VITA V60 i-Line PLUS stands for everything I value in VITA dental furnaces: quality and perfect firing results."

Daniel Sperlich (MDT)

VITA

V60 i-Line® PLUS



VITA VACUMAT® 6000 M/MP, VITA ZYRCOMAT® 6100 MS and VITA V60 i-Line® PLUS

Your benefits



- **High efficiency** The one-touch operation significantly reduces process time. Operating up to four dental furnaces using a single control unit also offers significant cost savings.
- **Flexibly and future-proof** The firing system can be upgraded as required with an additional sintering, firing or combipress furnace, so that you can also adapt the range of indications supported by your laboratory.
- **Premium is standard** Proven VITA firing technology "Made in Germany." The perfect partnership between heating elements and firing chamber materials, resulting in uniform heat distribution and ensuring consistently impressive firing results.
- **Individually customized** The firing units are available in up to six designs and can also be further customized with colored side panels. With VITA vPads, even the user interface can be adapted to suit your needs.
- **Excellent warranty and service package** Two-year warranty and provision of a replacement system within 24 hours (in Europe).

Choose VITA dental furnaces and save with every firing cycle.



VITA Energy Efficiency offers you the following benefits for switching to the latest generation of VITA dental firing units:

- Reduce your energy bills by up to 70 %, compared to previous VITA models.
- Choose the long-lasting and energy-efficient materials used in VITA dental furnaces.
- Benefit from additional optimization measures, based on ongoing research in the area of VITA Energy Efficiency.



VITA V60 i-Line PLUS



VITA ZYRCOMAT 6100 MS

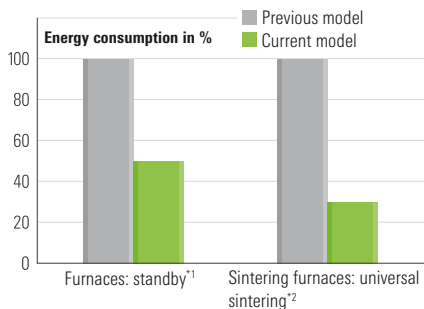


VITA VACUMAT 6000 M



VITA VACUMAT 6000 MP

Productive economic strategies and responsible resource management are not mutually exclusive, but go hand in hand.



¹ Comparison between VITA VACUMAT 4000 PREMIUM T and VITA VACUMAT 6000 M, results measured after one hour of operation.

² Comparison between VITA ZYrcomat and VITA ZYRCOMAT 6100 MS, results measured after one program cycle.

All measurement results were compiled by VITA Research & Development.

That is why the economical and resource-conscious utilization of energy are increasingly important decision-making criteria, with regard to investing in new equipment

Reductions in energy consumption are often only possible as a result of technical innovations. Thanks to superior quality and energy-efficient material combinations, VITA dental furnace technology blends optimum product quality and performance with the certified VITA Energy Efficiency strategy.

VITA dental furnaces Configurator



VITA Zahnfabrik H. Rauter GmbH & Co. KG
 Spitalgasse 3 · D-79713 Bad Säckingen · Germany
 Tel.: +49 / 77 61 / 562-0 · Fax: +49 / 77 61 / 562-299

Dental dealer:	Customer:	Purchase order number:
		Date:




Illustration	Designation	Prod. No.	Quantity
	VITA VACUMAT 6000 M, 230 V	DV6000M220	
	VITA VACUMAT 6000 M, 110 V	DV6000M110	
	VITA VACUMAT 6000 M, 100 V	DV6000M100	
	VITA VACUMAT 6000 M, 230 V	DV6000MKR220	
	VITA VACUMAT 6000 M, 110 V	DV6000MKR110	
	VITA VACUMAT 6000 M, 100 V	DV6000MKR100	
	VITA VACUMAT 6000 M, 230 V	DV6000MHB220	
	VITA VACUMAT 6000 M, 110 V	DV6000MHB110	
	VITA VACUMAT 6000 M, 100 V	DV6000MHB100	
	VITA VACUMAT 6000 M, 230 V	DV6000MTS220	
	VITA VACUMAT 6000 M, 110 V	DV6000MTS110	
	VITA VACUMAT 6000 M, 100 V	DV6000MTS100	
	VITA VACUMAT 6000 M, 230 V	DV6000MTB220	
	VITA VACUMAT 6000 M, 110 V	DV6000MTB110	
	VITA VACUMAT 6000 M, 100 V	DV6000MTB100	
	VITA VACUMAT 6000 M, 230 V	DV6000MRW220	
	VITA VACUMAT 6000 M, 110 V	DV6000MRW110	
	VITA VACUMAT 6000 M, 100 V	DV6000MRW100	

VITA dental furnaces Configurator





VITA Zahnfabrik H. Rauter GmbH & Co. KG
 Spitalgasse 3 · D-79713 Bad Säckingen · Germany
 Tel.: +49 / 77 61 / 562-0 · Fax: +49 / 77 61 / 562-299

Dental dealer:	Customer:	Purchase order number:
		Date:

Illustration	Designation		Prod. No.	Quantity
	VITA VACUMAT 6000 MP combipress unit coated, anthracite (230 x 630 x 370 mm)	VITA VACUMAT 6000 MP, 230 V	DV6000MP220	
		VITA VACUMAT 6000 MP, 110 V	DV6000MP110	
		VITA VACUMAT 6000 MP, 100 V	DV6000MP100	
	VITA ZYRCOMAT 6100 MS firing unit coated, anthracite (315 x 470 x 500 mm)	VITA ZYRCOMAT 6100 MS, 230 V	DZY6100MS220	
	VITA V60 i-Line PLUS Firing unit Powder coated (260 x 420 x 570 mm)	VITA V60 i-Line PLUS, 230 V	DV60IP220	
		VITA V60 i-Line PLUS, 110 V	DV60IP110	
		VITA V60 i-Line PLUS, 100 V	DV60IP100	

VITA dental furnaces Configurator

	VITA vPad control unit	VITA vPad comfort (for VITA VACUMAT 6000 M / VACUMAT 6000 MP / ZYRCOMAT 6100 MS)	DVPADCV1	
		VITA vPad excellence (for max. four VITA VACUMAT 6000 M / VACUMAT 6000 MP / ZYRCOMAT 6100 MS)	DVPADEV1	

	VITA VACUMAT 6000 M and MP side panels: 1 set comprises 2 items.	Side panel set: blue	D47002	
		Side panel set: mint green	D47003	
		Side panel set: pink	D47004	
		Side panel set: apricot	D47005	
		Side panel set: white	D47006	
		Side panel set: dark gray	D47007	
	VITA ZYRCOMAT 6100 MS side panels: 1 set comprises 2 items.	Side panel set: blue	D53000	
		Side panel set: mint green	D53001	
		Side panel set: white	D53002	
	VITA number set (magnetic, numbers 1-4)		D47008	
	VITA SWITCHBOX II for multi furnace operation (for max. four VITA VACUMAT 6000 M/MP/ ZYRCOMAT 6100 MS units), order as of second furnace.		D47009	
	320 x 210 x 110 mm 6.4 kg	VITA vacuum pump 230 V	DVPU220	
		VITA vacuum pump 110 V	DVPU110	
		VITA vacuum pump 100 V	DVPU100	
	1 CD	FDS software for PC	D34230NG	
	VITA MultiPump (only for VITA VACUMAT 6000 M/MP) for vacuum supply of up to four firing furnaces with only one vacuum pump. To be ordered as an accessory to the VITA vacuum pump from the second dental furnace. Only to be used in combination with VITA vPad excellence. Included in the basic set: 2 USB cables, 10-meter vacuum tube for two firing units. Dimensions: 244.5 x 172.0 x 73.0 mm		D61000	
		VITA MultiPump extension set Two USB cables, 10-meter vacuum tube for the third and fourth firing units	D61004	

VITA systems.

Ideal solutions during processing



- For digital shade determination, use **VITA Easyshade LITE** or **VITA Easyshade V** and for visual shade determination, the **VITA Linearguide 3D-MASTER** or **VITA classical A1–D4**, for example.



- For CAD/CAM fabrication, VITA offers you **highly-esthetic feldspar ceramic, high-strength glass ceramic, innovative hybrid ceramic and zirconia**, as well as the zirconia-reinforced lithium disilicate ceramic **VITA AMBRIA** as a press ceramic – simply select the best material solution for your individual requirements.



- For feldspar, glass ceramics and zirconia, use **VITA AKZENT Plus** stains and the **VITA LUMEX AC** or **VITA VM 11** veneering ceramics. In terms of metal ceramics, you can choose between **VITA VM 13** and **VITA VMK MASTER**, and for individualization of the **VITA ENAMIC** hybrid ceramic, either **VITA AKZENT LC** stains or **VITA VM LC** veneering resin.



- Glaze, stain, and/or dentine and crystallization firing in the laboratory are best carried out with the **VITA VACUMAT 6000 M** premium firing unit, and in clinics with the **VITA SMART.FIRE** premium firing unit that is specifically tailored to chairside restorations.
- You can use the combipress unit **VITA VACUMAT 6000 MP** to fire and press your press ceramics.
- It is recommended to use the **VITA ZYRCOMAT 6100 MS** for sinter firing.
- Note: When using a hybrid ceramic, firing must not be carried out.



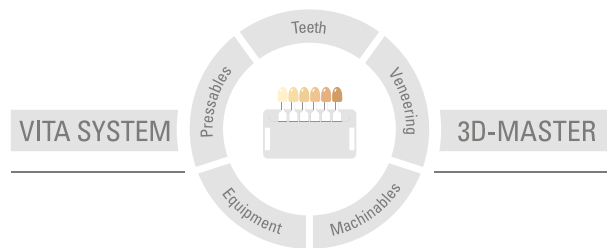
- In the case of VITA feldspar ceramics, use polishing systems suitable for silicate ceramics (e. g., **VITA Polish Cera**).
- For VITA glass and hybrid ceramics, the **VITA CERAMICS/ VITA ENAMIC Polishing Sets** should ideally be used.



- **VITA ADIVA LUTING SOLUTIONS** are products for adhesive bonding of restorations made of feldspar, glass ceramic and hybrid ceramic, and are matched to VITA materials.

* Note "Optional process steps/firing": The feldspar and hybrid ceramic materials can be seated directly after milling and polishing. The following process steps mentioned above are optional for feldspar ceramic. The same steps are required for the hybrid ceramic, but with the hybrid ceramic, firing must not be carried out. When using zirconia, sinter firing is carried out prior to characterization/individualization.

With the unique VITA SYSTEM 3D-MASTER, all natural tooth shades are systematically determined and perfectly reproduced.



Please note: Our products must be used in accordance with the instructions for use. We accept no liability for any damage resulting from incorrect handling or usage. The user is furthermore obliged to check the product before use with regard to its suitability for the intended area of applications. We cannot accept any liability if the product is used in conjunction with materials and equipment from other manufacturers that are not compatible or not authorized for use with our product and this results in damage. The VITA Modulbox is not necessarily a component of the product. Date of issue of this information: 2023-07

After the publication of this information for use any previous versions become obsolete. The current version can be found at www.vita-zahnfabrik.com

The following products bear the mark:



VITA VACUMAT® 6000 M, VITA VACUMAT® 6000 MP, VITA ZYRCOMAT® 6100 MS and VITA V60 i-Line® PLUS bear the CE mark.

VITA

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