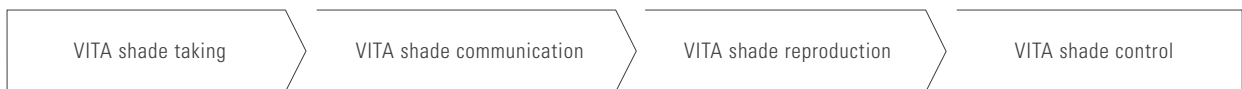
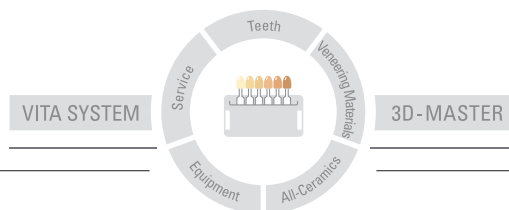


# VITA VACUMAT® New Generation

The concept



Last updated: 03.10



**VITA**

**VITA VACUMAT® New Generation** Customization is our aim



**Modular construction for maximum flexibility, individuality and cost-effectiveness**

VITA stands for efficiency. With its VITA VACUMAT New Generation, the specialist in state-of-the-art firing systems has more than met the need for cost-effective devices that optimize work processes.

Thanks to a modular construction, the innovative concept allows users to put together a firing system that perfectly meets their needs and is highly efficient.



The system, unparalleled in the dental sector, is comprised of the VITA VACUMAT 6000 M premium firing unit, the VITA VACUMAT 6000 MP combipress unit, a choice of three different control units, and various accessories. The three control units, VITA vPad easy, VITA vPad comfort and VITA vPad excellence, are each designed to meet a specific need, and a single control unit can be used to operate up to four firing units.

The user purchases only the modules required and can add further components (firing units, control units, accessories) to the system at any time. This innovative customized solution from VITA means that every laboratory gets a highly cost-effective firing system perfectly tailored to its needs, thus ensuring that every firing process is profitable.

## VITA VACUMAT® 6000 M Premium is our standard



LED light bar

### **One firing unit delivering multiple benefits**

VITA quality is a constant. Whichever control unit you choose, you know the VITA VACUMAT 6000 M will deliver the superior result you expect. This fully automatic microprocessor-controlled firing unit is ideal for all dental ceramic firing requirements. It offers superb quality and superior esthetics, and includes a host of new features to ensure first-rate firing results, user safety and convenience.

### **Superior down to the smallest detail**

Good design focuses on the essentials, and there is no divergence from this rule with the VITA VACUMAT 6000 M. Available in either a cool stainless steel or an elegant anthracite finish, its modern and compact design combines superior esthetics and functionality. Thanks to its ergonomic design, the unit takes up very little bench space, and two integrated cooling trays ensure safe transfer of fired objects. Further useful features are the clearly visible LED light bar and a choice of acoustic alerts, which ensure the user remains informed of the firing status, even at a distance.



New firing chamber materials

### Further advances in firing technology

The primary aim of technological process is to further simplify work processes and to improve the reliability of equipment and materials.

With the VITA VACUMAT 6000 M, you too will benefit from:

- Innovative firing technology and high-tech firing chamber materials for even more homogenous heat distribution
- A tried and tested silica quartz muffle (made in Germany) and reliable electronics, for consistently accurate firing results
- Numerous monitoring and service functions which optimize workplace convenience and safety and save a great deal of time, such as:
  - Automatic function to avoid condensed water in the insulation material
  - Automatic temperature adjustment before every program start, with a guaranteed temperature accuracy of  $\pm 1^{\circ}\text{C}$
  - Automatic cleaning function
  - Controlled fast cooling and night mode



## VITA VACUMAT® 6000 MP Efficiency is our maxim



Pressing attachment

### Firing and pressing perfectly combined

What sets VITA apart is its ability to integrate all dental technology applications and processes, and this competency is evident as always with the new VITA VACUMAT 6000 MP. The combipress unit combines all the advantages of a modern firing and pressing furnace, and its compact size sets a new benchmark.

The VITA VACUMAT 6000 MP retains all the programs and functions of the VITA VACUMAT 6000 M, but the pressing function can also be used for all press ceramics, and it supports a wide range of muffle systems. The display indicates how many pellets have been inserted, thus avoiding pressing errors and damage to the muffle caused by inserting too few pellets.

### No wear. No breakdowns.

With VITA's pressing technology, durability and failure-free operation are a given. Rather than being mechanically/electrically operated, VITA's pressing furnaces use pneumatics, so they achieve the necessary pressure more easily and are virtually failure free.

## VITA VACUMAT® New Generation Exceptionalism is our norm

### **Stainless steel and anthracite**

The VITA VACUMAT 6000 M and VITA VACUMAT 6000 MP are modern, elegant eyecatchers, and are both available in a choice of stainless steel or anthracite finish.

### **Optional extras for maximum functionality and a customized system**

Quieter, more individual, more practical – VITA VACUMAT New Generation accessories make your firing system even better. Design your workspace to suit your needs exactly. Add a vacuum pump in a sound-damping box and colored side panels to customize multiple furnaces and make it easier to remember which one is doing what, or order additional trays for fired objects.

### **Firing data system**

The firing data system is your constant quality-assurance tool. The software automatically stores, archives and manages all firing, device and user data, and allows you to easily access, print or e-mail all data and protocols.



## VITA vPad One concept. Three models. All requirements met.

VITA vPad easy



VITA vPad comfort



Flexibility means having several options. With the VITA VACUMAT New Generation, flexibility is the key to maximum cost savings. You therefore have a choice of three control units to operate the new firing unit and two to operate the combipress unit.

VITA vPad easy, VITA vPad comfort or/and VITA vPad excellence – all three control units are self-explanatory and user-friendly, and incorporate software which automatically corrects invalid entries. This makes your work easier, safer and more enjoyable.

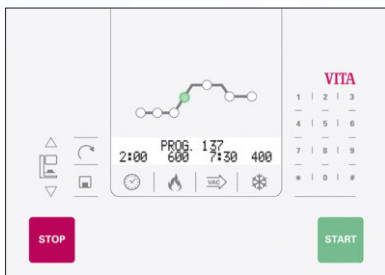
Whether you are practically minded with an eye on cost, simply aiming to "easily and safely produce the perfect fired object," or an individualist who wants an "exclusive and convenient" solution – there is a VITA vPad for everyone.

### **Cost-effective four times over**

The VITA vPad comfort and VITA vPad excellence ensure maximum cost-effectiveness and efficiency. One control unit can operate up to four furnaces, so there is no need for an additional control unit if additional firing or combipress units are purchased.



## VITA vPad excellence



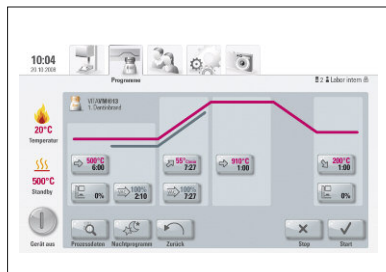
### VITA vPad easy Simple efficiency

VITA has always focused on the essentials, and the new VITA vPad easy is a result of this guiding principle. The control unit features all the necessary functions and firing programs and has an easy-to-use menu with self-explanatory symbols, so any user can operate the VITA VACUMAT 6000 M ceramic furnace correctly. The VITA vPad easy thus ensures consistently accurate firing results – easily and safely.

#### Features and functions

- Large, clearly laid-out LCD display with membrane keyboard
- 200 freely definable and numbered programs
- Software update via USB stick
- State-of-the-art electronics for reliable control of temperature and program sequences
- All essential monitoring and service functions

## VITA vPad comfort Comfort and convenience



### VITA vPad comfort

Comfort and convenience are a big plus, increasing efficiency and saving time. The VITA vPad comfort is the perfect example of this. It not only boasts an innovative and stylish design, but also offers considerable operating convenience. For example, the VITA vPad comfort can control up to two VITA VACUMAT 6000 M or VITA VACUMAT 6000 MP units, and allows the creation of individual user profiles to optimize work processes, each with their own program settings and easily transferable to other control units.

This convenience comes thanks to the large color touchscreen with its well-structured menu and self-explanatory symbols, guaranteeing intuitive one-touch operation and above all a happy working environment.

### Features and functions

- Control of up to two firing units with one control unit
- 7-inch color touchscreen with photo viewer
- 500 freely definable firing and pressing programs
- Choice of different firing techniques incl. crystallization firing
- Creation of up to four user accounts
- USB connection
- All the monitoring and service functions provided by the VITA vPad easy, plus:
  - Automatic function to avoid condensed water in the insulation material, and cleaning function
  - Temperature and vacuum monitoring
  - Night mode
  - Adjustment of parameters in active program offering greater flexibility
  - Display of operating hours for device and firing muffles
  - Simple storage and management of all firing, device and user data



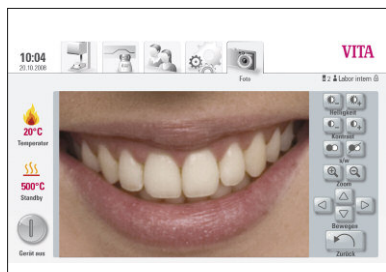
## VITA vPad excellence Highly exclusive



### VITA vPad excellence

For VITA, high standards are the norm, as proven by the impressive VITA vPad excellence control unit. It offers the user maximum functionality and operating convenience, making using it a real pleasure.

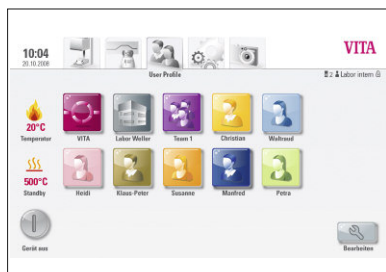
The VITA vPad excellence has an extra-large color touchscreen with a photo viewer for even more convenient operation. It can control up to four VITA VACUMAT 6000 M and VITA VACUMAT 6000 MP units and allows the creation of twelve user profiles. Those who fire a large number of objects will benefit from these extra options on a daily basis.



### Features and functions

- Control of up to four firing or combipress units with one control unit
- 1000 freely definable firing, pressing and crystallization programs
- 8.5-inch color touchscreen with intuitive one-touch operation
- Photo viewer with convenient data management and 2 GB memory
- Connection for external card reader for various card formats
- All the monitoring and service functions provided by the VITA vPad comfort, plus a range of extra functions, such as:

- Creation of up to twelve user accounts
- Personal data protection function for protecting personal settings
- PC mouse and keyboard connection option
- Optional programming of firing and pressing via PC, to save even more time
- 2 USB connections



## VITA VACUMAT® New Generation A host of user benefits



[www.myvacumat.com](http://www.myvacumat.com)

Take a virtual tour of the VITA VACUMAT New Generation. Configure and price up your own individual firing system online!

- **Tailor-made system** Thanks to the modular construction, each customer can configure the VITA VACUMAT New Generation firing system to meet their precise requirements.
- **Cost-effectiveness** The ability to control up to four firing units with one control unit guarantees cost savings.
- **Longevity and flexibility** The firing system can be expanded at any time by adding additional firing units, control units or accessories. Moreover, the VITA VACUMAT 6000 M can also be upgraded to a fully-fledged combipress unit.
- **Premium as standard** Whichever VITA vPad and exterior finish you choose, the VITA VACUMAT New Generation consistently guarantees first-rate firing results, thanks to its:
  - Firing chamber materials coordinated with the silica quartz muffle, making heat distribution considerably more homogenous
  - New service and monitoring functions
  - Intuitive user interface and intelligent software, for even greater operating convenience and operational reliability
- **Excellent guarantee and service package** Two-year guarantee on all device parts incl. wearing parts and muffles. Replacement device provided within 24 hours (within Europe).


Dental Dealer:	Customer:	Purchase Order No.:
		Date:

Picture	Description	Prod. no.	Quantity
	VITA VACUMAT 6000 M, <b>230 V</b>	DV6000M220	
	VITA VACUMAT 6000 M, <b>115 V</b>	DV6000M110	
	VITA VACUMAT 6000 M, <b>100 V</b>	DV6000M100	
	VITA VACUMAT 6000 M, <b>230 V</b>	DV6000ME220	
	VITA VACUMAT 6000 M, <b>115 V</b>	DV6000ME110	
	VITA VACUMAT 6000 M, <b>100 V</b>	DV6000ME100	
	VITA VACUMAT 6000 MP, <b>230 V</b>	DV6000MP220	
	VITA VACUMAT 6000 MP, <b>115 V</b>	DV6000MP110	
	VITA VACUMAT 6000 MP, <b>100 V</b>	DV6000MP100	
	VITA VACUMAT 6000 MP, <b>230 V</b>	DV6000MPE220	
	VITA VACUMAT 6000 MP, <b>115 V</b>	DV6000MPE110	
	VITA VACUMAT 6000 MP, <b>100 V</b>	DV6000MPE100	







	VITA vPad Control unit	VITA vPad easy (for one VACUMAT 6000 M)	DVPADE	
		VITA vPad comfort (for max. 2 VACUMAT 6000 M and / or VACUMAT 6000 MP)	DVPADC	
		VITA vPad excellence (for max. 4 VACUMAT 6000 M and / or VACUMAT 6000 MP)	DVPADEX	

		Metal cooling tray set	D47001	
	1 set comprises 2 items	Side panel set <b>blue</b>	D47002	
		Side panel set <b>mint green</b>	D47003	
		Side panel set <b>pink</b>	D47004	
		Side panel set <b>apricot</b>	D47005	
		Side panel set <b>white</b>	D47006	
		Side panel set <b>dark grey</b>	D47007	
		Number set (1-4)	D47008	
	Switchbox required for control of up to 4 furnaces as from the 2 <sup>nd</sup> furnace	D47009		
	Vacuum pump 230 V	DVPU220		
	Vacuum pump 115 V	DVPU110		
	Vacuum pump 100 V	DVPU100		

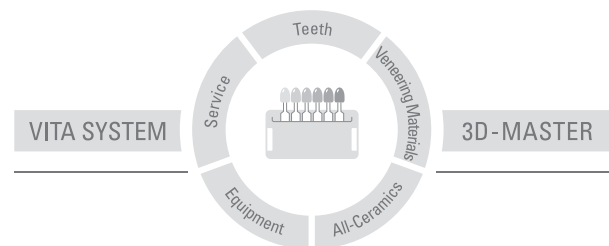
## VITA vPad Comparison

	Control units VITA vPad		
	easy	comfort	excellence
			
<b>Range of performance</b>			
For dental ceramic firings of all ceramic materials available on the market For atmospheric and vacuum firing For furnace soldering of ceramic work For special programs such as crystallisation firing	●	●	●
For all press ceramics available on the market and different press muffles (VACUMAT 6000 MP only)	—	●	●
<b>Configuration and functions</b>			
Number of VACUMAT 6000 M / VACUMAT 6000 MP firing units to be managed	1/-	up to 2	up to 4
Number of alterable firing programs	200	500	1000
Input pad with LCD display	●	—	—
Color touch screen	—	7 inch	8.5 inch
Photo viewer with numerous functions	—	●	●
Black and white setting	—	●	●
Contrast setting	—	●	●
Brightness setting	—	●	●
Zoom	—	●	●
Mode "full screen"	—	●	●
Scroll	—	●	●
Save & administrate images	—	—	●
Connection to external card readers possible	—	—	2 GB
Capability to external card reader	—	●	●
Number of user profiles (individual program settings & bookmarks)	—	4	12
"Read-only" option	●	●	●
Password option of personal setting	—	●	●
User profiles (individual settings) transfer to other vPad control units	—	●	●
PDP* (* Personal Data Protection) function for automatic backup of all personal settings	—	●	●
Data transfer from/to a PC and other vPad control units via USB stick	●	●	●
Connection of mouse and keyboard	—	—	●
Connection to programm of firing and press programm via PC	—	—	●
Software update via USB stick	●	●	●
Number of USB ports	1	1	2
Firing parameters adjustment during active program	—	●	●
FDS* program (*Firing-Data System) Firing data is stored for quality control purposes	—	●	●
Selectable acoustic signals indicating current operating status	—	4	6
Display of operating time device and firing muffles	—	●	●
Language selection	—	●	●
<b>Technical functions, backup and monitoring programs</b>			
Power failure protection	●	●	●
Fast cooling to standby temperature	●	●	●
Automatic temperature adjustment => no calibration required	●	●	●
Accuracy of temperature +/-1°C	●	●	●
Temperature sensor and vacuum control monitor	●	●	●
Automatic function to avoid condensation	—	●	●
Automatic cleaning function	—	●	●
Function monitoring incl. liftrun log	●	●	●
Function monitoring incl. pre-vacuum and main vacuum	●	●	●
Function monitoring incl. log for temperature and process time	●	●	●
Adjustable lift positions for pre-drying and slow cooling	●	●	●
Night mode	—	●	●
Error monitoring with error display	●	●	●
Automatic detection of number of press pellets	—	●	●
Guarantee including muffle	2 years	2 years	2 years

## VITA SYSTEM 3D-MASTER® Perfectly matched

	<p><b>VITA Easyshade® Compact</b></p> <p>VITA Easyshade Compact enables the user to determine the tooth shade quickly and accurately, whatever the light conditions, based on the original 3D-MASTER, VITA classical A1–D4, and other VITA shades.</p>
	<p><b>VITA Linearguide 3D-MASTER/VITA Toothguide 3D-MASTER®</b></p> <p>Select the correct tooth shade quickly and accurately with the VITA Linearguide. Its modern design and linear arrangement allow the correct tooth shade to be found quickly, facilitating the transition from conventional shade taking systems to the VITA 3D-MASTER.</p>
	<p><b>VITAVM®7</b></p> <p>For veneering oxide-ceramic frameworks with a CTE range of 7.2 – 7.9.</p> <p><b>VITAVM®9</b></p> <p>For veneering zirconium oxide frameworks with a CTE range of approx. 10.5.</p> <p>For customizing restorations milled from VITABLOCS and VITA PM 9.</p>
	<p><b>VITAVM®13</b></p> <p>For veneering metal frameworks made of conventional alloys with a CTE range of 13.8 – 15.2.</p> <p><b>VITAVM®15</b></p> <p>For veneering metal frameworks made of multi-indication alloys with a CTE range of 16.0 – 17.3.</p>
	<p><b>VITA VMK Master®</b></p> <p>VITA VMK Master is a feldspar veneering ceramic for metal frameworks with a conventional CTE range made from alloys with a high yellow gold content, reduced-gold, palladium-based, and non-precious metal alloys.</p>
	<p><b>VITAPM®9</b></p> <p>VITA PM 9 (Pressable Material) is an all-in-one press ceramic suitable for a wide range of indications. It can be used for framework-free pressing as well as for pressing over zirconium oxide frameworks.</p>

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



Please note: Our products should be used according to the working instructions. We cannot be held liable for damages 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 porcelains and equipment from other manufacturers which are not compatible or not authorized for use with our product. Furthermore, our liability for the correctness of this information is independent of the legal ground and, in as far as legally permissible, is limited to the invoiced value of the goods supplied excluding turnover tax. In particular, as far as legally permissible, we do not assume any liability for profit loss, for indirect damages, for consequential damages or for claims of third parties against the purchaser. Claims for damages based on fault liability (culpa in contrahendo, breach of contract, unlawful acts, etc.) can only be made in the case of intent or gross negligence.

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# VITA

VITA Zahnfabrik H. Rauter GmbH & Co. KG  
Postfach 1338 · D-79704 Bad Säckingen · Germany  
Tel. +49(0)7761/562-0 · Fax +49(0)7761/562-299  
Hotline: Tel. +49(0)7761/562-222 · Fax +49(0)7761/562-446  
www.vita-zahnfabrik.com · info@vita-zahnfabrik.com

[www.myvacumat.com](http://www.myvacumat.com)