

VITA Vacuum Pump II

Instructions for use



VITA shade determination

VITA shade communication

VITA shade reproduction

VITA shade control

VITA – perfect match.

VITA

General information

This device is intended solely for laboratory use. Please read these instructions for use carefully before installing or operating the device. No adjustments may be made to the device that are not explicitly requested in these instructions for use. Any modification will void the warranty and may present a potential hazard. We accept no responsibility for injury or damage caused by improper use or modification of the device without permission.

1. Check the voltage indicated on the nameplate and make sure that it matches the mains voltage at your location.
2. The pump is not corrosion resistant. Please do not operate it directly with corrosive gases.
3. Install the device in a clean, dust-free and ventilated area under 40°C.
4. The moisture separator can prevent a large amount of liquid from overflowing into the pump. Take care to ensure that the liquid level in the bottle does not exceed the safety limit. Noncompliance may result in severe damage to the pump and void the warranty. If this is the case, please contact your dealer immediately.
5. The filter cartridge in the moisture separator is used to absorb moisture and dust. Please replace the filter cartridge when it is saturated to ensure good pumping performance.
6. To avoid damaging the pump, please bleed the pump before starting it.
7. In order to prevent the filter cartridge in the moisture separator from blocking the air inlet, do not tilt the pump during work
8. This pump has a thermal protection device that automatically shuts off in case of overheating.
9. The surface temperature of the pump is very high after use or during work; please do not touch it, in order to avoid burns.

VITA Vacuum Pump II – General information

10. Do not use any lubricant that could cause damage to the pump.
11. Never spray flammable or toxic materials.
12. If the power cord is damaged, please contact the manufacturer or customer service to replace it and avoid danger.

Check that the pump is in good condition when unpacking it.

If this is not the case, please contact the dealer immediately or contact us via email: instruments@vita-zahnfabrik.com.

VITA Vacuum Pump II – Initial Start-Up

Initial Start-Up

1. Check the connection cables and the vacuum hose for visual damage.
If the power cord is damaged, do not operate the device.
Contact the manufacturer or customer service to replace it.
2. Make sure that the device is switched on at the main switch (factory setting).



3. Make sure that the moisture separator is completely closed (factory setting).



4. Connect the pump properly to your VITA firing unit.

The connections can be found in the instructions for use for the corresponding firing unit.

VITA Vacuum Pump II – Replacing the cartridge

Replacing the cartridge

Please replace the filter cartridge when it is saturated with moisture or particles.





1. Rotate the glass of the moisture separator out counterclockwise.
2. Rotate the filter cartridge out counterclockwise.
3. Rotate the new filter cartridge in clockwise.
4. Rotate the glass clockwise into the moisture separator.

VITA Vacuum Pump II – Technical Data

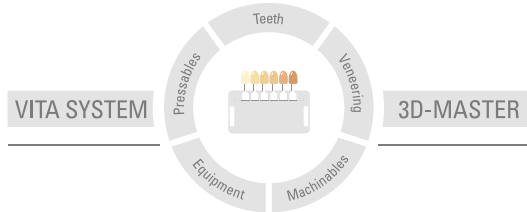
Technical Data

| Order Number | DVPURM110 | DVPURM220 |
|---------------------|------------------------------|--------------------|
| Max. power | 100W | 80W |
| Max. current | 1A | 0,4A |
| Max. vacuum | 25 mbar | |
| Max. flow rate | 23 l/Min | 20 l/Min |
| Vacuum regulator | Yes | |
| Overflow protection | Yes | |
| Noise Level | 52 dB | |
| Hose barb | Compressed air connector 6mm | |
| Net weight | 5,2 kg | |
| Dimension (LxWxH) | 31,0 x 13,5 x 20,4 cm | |
| Power connection | 120V, 60 Hz | 220-240V, 50/60 hz |

Safety information

| Pictograms | | |
|--------------------------|---|--|
| Hazardous voltage | This pictogram warns the user about hazardous voltage. Before opening the unit, always disconnect the device from the mains current by pulling out the mains plug. |  |
| Hot surface | This pictogram warns the user about hot surfaces. Burns are possible. |  |
| Separate disposal | Dispose of electrical and electronic equipment separately, not with household waste. The black bar under the „wheeled bin“ symbol indicates that the device was placed on the market after August 13, 2005. Please note that the device is subject to European Community Directive 2012/19/EU (WEEE) and the national laws valid in your country, and it must be disposed of accordingly. Contact your dealer if you need to dispose of the device. |  |
| Note | This pictogram warns of hazardous situations with the risk of personal injury or damage to the device. |  |

With the unique VITA SYSTEM 3D-MASTER all natural tooth shades are systematically determined and completely 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: 2023-08

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

VITA Vacuum Pump II is CE marked within the meaning of EC Guideline 2014/30/EU



VITA

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