

emmi®-dent Ultrasound Toothpaste

emmi®-dent Ultrasound Toothpaste is available in four versions: emmi®-dent Whitening, emmi®-dent Fresh, emmi®-dent Kids, emmi®-dent Nature and emmi®-dent Nature Calcium. The both last mentioned Ultrasound Toothpastes is fluoride-free and vegan. All emmi®-dent Ultrasound Toothpastes are gluten-free and do not contain any nano-materials.



It is often thought that Ultrasound would require water as a transmission medium, but this is a false concept. Actually, the correct transmission medium depends on ultrasound frequency and ultrasound performance. It is a well-known concept in medical implementations. In this domain, creams and gels are used as adequate transmission media. For your dental hygiene with Original emmi®-dent Ultrasound, you use a special toothpaste (emmi®-dent Ultrasound Toothpaste). This toothpaste stands out for its ultrasound feature, because emmi®-dent Ultrasound Toothpaste is the only medium in which millions of nano-bubbles are created. Conventional toothpastes in the market only generate a little amount of micro-bubbles. Always consider an emmi®-dent Ultrasound Toothpaste for your dental care with the emmi®-dent Ultrasound devices.

Spare brush heads

Please take into account that according to dentists, the Ultrasound brush head should not be used by more than one person. One and the same Ultrasound brush head must always be used by one and the same person. When changing the Ultrasound brush head, ensure that the bristles of the brush head always point forwards in the direction of the start button. Spare brush heads can be purchased at the locations where you have bought your emmi®-dent Platinum.



Battery-charging technology

After use, the hand piece can be placed back in the charging dock for recharging the lithium battery or for a full battery charge for 15 days of toothbrush pleasure. If you use your emmi®-dent Platinum for more than 6 minutes per day, e.g. in case of several users, take a shorter interval for recharging the battery.

If the battery is nearly empty, the power indicator does not light up when switching on the emmi®-dent Platinum (bottom green LED). In this case the red LED shortly flashes for 5 seconds and the device is switched off completely. After recharging the device for 24 hours, the normal functions are restored.

Battery exchange / Supporting the environment

The unit contains a special, environment-friendly, long-lasting battery. The battery is contained in the handpiece of the device. If after long-term use of the unit, the red LED flashes in spite of extensive recharging, the battery must be exchanged. Only use an emmi®-dent Platinum Lithium-Save-battery for the emmi®-dent Platinum (original exchange part with internal safety switch). If you cannot exchange the battery yourself, we will be happy to do this for you in a professional manner with low costs. If you exchange the battery yourself, please do the following: Loosen the screw at the bottom of the handpiece and remove the battery holder jointly with the bottom lid. When inserting a new battery, check the correct polarity. Insert the positive terminal in the bottom lid holder. During assembly, please ensure that the parts are correctly seated and sealed. Only then, safety class IP54 is guaranteed. Spare batteries can be purchased at the locations where you have bought your emmi®-dent Platinum.

Note: The warranty, if still applicable, is only valid when the product is handled properly and the original spare parts are used.

Battery disposal



The special battery in the device may not be disposed as normal domestic waste. For disposal, community collection points as well as other containers are available (e.g. at all sale points for similar batteries). Please see the hazard instructions mentioned below.

Hazard instruction

The emmi®-dent Platinum contains a battery with build-in safety technology. Even then, the battery may not come to kids' hands and the instructions for disposal must be followed. In spite of all safety measures batteries are leaking, avoid contact with your skin and dispose the battery as described above. Safety measures are also required for the connection to the power supply (socket). The charging dock has a fully insulated cast housing, but never immerse the charging dock in water. The connecting cable must be in flawless condition. In case of damage to the housing, plug or connections, the whole charging dock must be discarded and replaced. Only use the emmi®-dent Platinum for its intended use as described. Children may only use the device according to the instructions and with the supervision of an adult.

Warranty

The emmi®-dent Platinum has a warranty of 24 months from the date of purchase, and a warranty of 6 months for the battery from the date of purchase. Any defects in the material and/or manufacturing errors that occur during this warranty term will be resolved without any costs. Your unit will be repaired or replaced. To the extent permitted by law, all other claims are excluded. The warranty will not apply in case of interference or dismantling by third parties without the prior approval of Emmi Ultrasonic GmbH. The warranty will also be void for products that have been damaged through improper handling or incorrect use. If under a warranty repair is granted, the guarantee term will not be extended. For claims that are not justified, for example, in case of installation or operating faults, we reserve the right to claim the costs incurred for the same. For claims under the warranty it is essential to provide the sales receipt stating the date of the purchase. For the fast processing of your claim, please send the complete unit including brush head and charging dock with sufficient shipping payment to Emmi Ultrasonic GmbH. Unfortunately, unfrree shipments cannot be accepted. We thank you for your understanding.

Intended use

The products may only be used as described in the user manuals and technical descriptions, which is for dental hygiene. Any use of non-original parts or components is subject to the recommendations or approval by Emmi Ultrasonic GmbH. Any other use or which goes beyond that use is considered as improper use. Emmi Ultrasonic GmbH accepts no liability for any damages that may result from the non-intended use of the product, and we assume no warranty for the error-free and correct functioning of the components. Intended use also includes the observation of all instructions in the user manual. The symbol ⚠ on the type plate indicates the need to consult the operating instructions provided with the product. Trouble-free and safe operation of the product can only be ensured if the measures relating to proper transport, storage, assembly, installation and careful operation and maintenance are strictly observed. The tests according to BGV A3 must be performed according to the prescribed intervals. During the installation of the unit, ensure free access to the power socket on the charging dock.

Failure to use the product according to its intended use

Improper use of the product may result in hazard for life and limb as well as material damage. For this reason any use of the product other than according to its intended use is strictly prohibited. Emmi Ultrasonic GmbH accepts no liability for any damages that may result from improper use and assumes no warranty for the error-free and correct functioning of the components. For the proper operation of the unit, the following instructions must be followed:

- Only use the emmi®-dent Platinum for your dental cleaning and oral hygiene with the adequate voltage as described on the type plate (at the bottom of the charging dock)
- Do not use flammable or aggressive chemical cleansing products or acid solutions, etc.
- If damages due to transport are detected, do not connect the charging dock to the power supply.
- Only for indoor use at ambient temperature.

SUPERIOR DENTAL HYGIENE WITH
100% ULTRASOUND



User Manual emmi®-dent Platinum*



*Colour sample



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EMAG AG
DIN EN ISO 9001:2008



RoHS CE
(S6Abs.3, ElektroC)

English



PATENTED AND PROVEN TECHNOLOGY
MADE IN GERMANY

emmi®-dent - The original device for innovative dental care with 100% Original Ultrasound

We thank you for your purchase of an emmi®-dent Platinum Ultrasound device for your dental cleaning and oral hygiene („Ultrasound toothbrush“). Please read carefully this user manual for optimal results.

Content emmi®-dent Platinum Set:



1 emmi®-dent Platinum hand-piece, 1 Ultrasound brush head for adults, 1 charging station, 1 tube Ultrasound toothpaste (75ml)

Important – Charging usage term

For each charging, connect the plug of the charging station into the socket, insert the hand-piece into the dock and charge it for 24 hours for the first time. If you use the device 6 minutes daily, you can use it with the battery for approx. 15 days. Charge it then for another 24 hours. When the charging station is connected properly, the green energy-saving integrated LED light is ON.



Before the first application

Insert the Ultrasound brush head vertically in the hand-piece. Also remove the Ultrasound brush head in vertical direction.



Switch-on and Switch-off

Switching on:

Switch on the unit by pressing the pushbutton (for approx. 1 second). Optionally, press the ON / OFF button for about 5 seconds to switch off the position change beep. The green operating LED light is ON. The battery status is indicated by two other green flashing LEDs. The user notes also soft vibration as an additional function indicator.



Switch-off/Automatic switch-off:

Switch off the unit by pressing the push-button (for approx. 1 second). The unit switches off automatically after 6 minutes (Battery Save Function). The device is also provided with an electronic sensor. If a wrong or defective Ultrasound brush head is used, or no brush head has been inserted, the unit will also switch off automatically and the green LED goes off. Don't insert the brush head during transport, the device can not be accidentally switched on (Travel Save Function).

LED Display

1 LED green - ON

You switch on the device by pressing the ON/OFF button for approx. 1 second (safe switch-on). The green bottom LED is ON (function indicator).

2 LED green - 100%

Charge condition „Battery charged at 100%“ is displayed by a green flashing LED.

3 LED green - 30%

Charge condition „Battery charged at 30%“ is displayed by a green flashing LED.

4 LED blue - CHARGING

If the hand-piece is on the charging dock and connected, the blue LED light is ON. If the device is fully loaded, the blue LED goes off.

5 LED red - CHECK/FAULT

If the battery is empty or faulty, the red LED light is ON. The unit switches off with a light peep sound, the red LED flashes for 5 seconds and goes off.

Using the emmi®-dent Platinum with 100% Original emmi®-dent Ultrasound.

Smooth cleansing without brushing.

After switching on the unit you will feel a soft vibration and hear a gentle sound. The actual cleansing process is not affected by this. You cannot see, hear or feel Ultrasound, and thus a small motor is integrated within the hand piece, so that the user can feel and hear that the device is switched on and ready for operation. Also, a low peep sound is emitted every 6 seconds to show you that the device is functioning. (Beep can be switched off manually).

Daily use

For your dental hygiene, we recommend you to clean your teeth with the 100% Original Ultrasound of your emmi®-dent Platinum twice a day for approx. 3 min.

1 Moisten the bristles of the

Ultrasound brush shortly under running water.



Daily Use (continued)

2 Apply a double pea-sized quantity of emmi®-dent Ultrasound Toothpaste on the bristles of your Ultrasound brush head. Only the emmi®-dent Ultrasound Toothpaste guarantees the Original 100% emmi®-dent Ultrasound function. For more details on the emmi®-dent Ultrasound Toothpaste, please read under the separate section „emmi®-dent Ultrasound Toothpaste“ in this user manual.



3 Switch on the device and bray the Ultrasound Toothpaste uniformly on the inside and outside surfaces as well as on the chewing sides of your teeth.



4 The bristles of the Ultrasound brush head embrace 2 – 3 teeth, according to the size of your teeth. **Maintain the bristles gently and without pressure motionless** on the inside, outside and on top (chewing sides) of the teeth for approx. 6 seconds each time. The actual duration depends on the amount of impurities on the teeth (plaque, nicotine, wine stains, etc.). In case of acute problems, such as gingivitis or parodontitis, leave the bristles for approx. 15 to 20 seconds on the affected sites. This will result in a quicker and better healing. A longer application does not harm your teeth, because the emmi®-dent Platinum implements a gentle Ultrasound. When you have finished your dental hygiene, move the bristles various times over your teeth, in order to remove any further adherences or impurities. Then rinse your mouth with water or an oral rinse.



5 After cleansing, wash the bristles and hand-piece under running water. Switch off the device and dry the hand piece. Please note that the bristles are free and clean from foodstuff or other impurities. Now you can place the device with the integrated Ultrasound brush head back on the charging dock.



Inflammations, Parodontitis and Mouth Ulcers

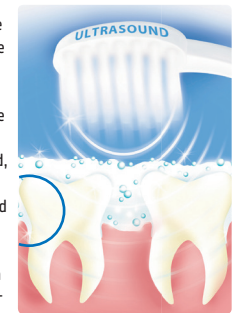
In acute cases, it is recommended to hold the bristles gently for 30 to 60 seconds on the affected sites. This will result in a quicker and better healing. The Original emmi®-dent Ultrasound is harmless and can also be used for a longer period of time.

Bad Breath

Bad breath (halitosis) is caused by living bacteria in the mouth. The emmi®-dent Platinum Original Ultrasound breaks down the bacteria on and in the gums, and bad breath disappears for up to 12 hours.

How it works

Our 100% Original Ultrasound devices are the most innovative and effective method for a perfect dental care and oral hygiene (nano-cleansing). The emmi®-dent Ultrasound devices have been developed by German engineers according to the latest scientific findings. Other than customary toothbrushes with mechanic friction and abrasive toothpaste substances (macro-tooth cleansing), they set the trend for a new way of motionless, gentle cleaning without brushing or friction. For decades, ultrasound technology has been implemented with great success for medical purposes. It has been applied for brain, ophthalmologic, pregnancy and stomach research. Ultrasound for dental and mouth hygiene is easy to use, whether we are young or old, because it is absolutely harmless and innocuous. Also carriers of pacemakers can use it without any risk. Research has proven that ultrasound of up to 50 watt is harmless for the human body. The emmi®-dent Platinum functions with only 0.2 watt. The performance and safety of Ultrasound waves have been tested by dentists and implantologists. Many years of experience have never reported any negative effects, also for crowns, inlays, implants or veneers. The ultrasound waves are created inside an ultrasonic microchip (Piezo Chip) which is patented worldwide. This chip is embedded inside the brush head and transmits the waves via the bristles to the Ultrasound Toothpaste medium. Here millions of nano-cavities (nano-bubbles) are generated. Due to their microscopic size they are able to reach into the smallest spaces, gaps and fissures between the teeth and into the gum pockets. This also happens for wearers of implants and dental braces. The Original Ultrasound of the emmi®-dent Platinum for gentle dental cleaning and oral hygiene works without any mechanical pressure, friction or strain. Due to the powerful implosion of the nano-bubbles generated by the air oscillations of the ultrasound, all impurities such as plaque or foodstuff as well as bacteria and germs are removed efficiently. Ultrasound waves have also a positive effect on gums, gingiva and the tongue. The positive effect of Ultrasound releases also body's own healing energies, it facilitates lymphatic drainage and activates the blood flow because emmi®-dent Platinum Original Ultrasound penetrates deeply into the gum pockets. The prophylactic and healing effect of dental cleansing and oral hygiene with the Original emmi®-dent Ultrasound is generated by the effective removal of most germs and bacteria. Not only for teeth and gums, but also inside the gum tissue.



emmi®-dent Platinum cleans where your toothbrush or floss can't reach. The ultrasound removes bacteria and germs deep in the gums.