

The new LM-PowerHand ultrasound device in use: “Like driving a Mercedes!”

The LM-PowerHand ultrasound device that gained immediate popularity after its launch last autumn also pleases Oral Hygienist Sari Maisala. After a test period of only two months, she had a lot of positive comments on the versatile properties of the device.



Photo 1

Pleasant for patient and the user

LM-PowerHand is a versatile ultrasonic device, which can be easily adapted to any procedure or user approach. The handpiece is light and, because of its ergonomic shape and material, fits into the hand very well and doesn't slip.

Sari Maisala is grateful for the opportunity to adjust water and power according to the situation and patient. She also praises the muted and soft sound of the device, which also pleases patients. According to Sari, many patients that would have earlier refused ultrasound altogether, now gave her permission to try LM-PowerHand. The patients said that treatment was pleasant with very little pain.

Versatile

LM-PowerHand is easy to move from one room to another. The ultrasound device can be connected to the water network or various bottle holders for medicine and sterilised water can be attached to it. The options include the one-bottle Solo and the two-bottle Duo model. Sari recommends the LM-Duo model, because it provides two separate bottles to hold, for example, NaF or chlorhexidine solutions.

Sari also considers the device's endo function to be an important feature. In root canal mode the output range is reduced by 50%, thus allowing procedures requiring a high degree of precision to be carried out safely. LM-PowerHand's broad range of tips also provides the opportunity to perform many restorative procedures.

Easy-care

It's easy to clean the LM-PowerHand parts by wiping them down. All the device's silicone parts that are touched during treatment can be removed and autoclaved. Thus, it's not necessary to purchase three expensive handpieces to maintain hygiene. The device automatically includes three silicone LM-ErgoGrips. One is in use, one is a spare and the third is being serviced. LM-ErgoGrip is available with or without a light.

LED – light increases working efficiency

The pride of the LM-PowerHand is its unique light. The effectiveness of the light is the result of its six LED light sources and optimised beam of light. The light has a service life

of about 100,000 working hours, which is significantly longer than that of traditional light sources.

Sari is particularly grateful for the LED light efficiency of the device, which she feels provides good light without glare. The LED bulbs give off a bluish light, which she finds much more efficient than the standard yellow light, which seems to 'get lost' in the mouth. The light is also focused accurately on the working area instead of beside it, as with some competing products.



Photo 2



Photo 3



Photo 4

When comparing her experiences with similar ultrasound devices, Sari sums up working with LM-PowerHand in with a touch of humour: "It's like driving a Mercedes"

Riina Immaisi
LM Instruments Oy
Parainen 04/2006

Articles photos:

- Photo 1 – Sari Maisala and LM-PowerHand
- Photo 2 – Working with LM-PowerHand
- Photo 3 – Working with a similar competing product
- Photo 4 – Working with hand instruments without light