

## **New kits for CAD/CAM-manufactured materials**

**Neuss, March 2023 - In cooperation with Dr Andreas Kurbad, the medical technology company Hager & Meisinger has developed three new dental kits. The sets have been specially designed for members of the CEREC® Masters Club and offer the right instruments for processing CAD/CAM-produced materials.**

### **Final Touch & Polishing Kit: Safe finish for CEREC® materials**

Modern CAD/CAM materials make it possible to finalise restorations without additional firing. For CEREC® restorations, the Final Touch and Polishing Kit offers carefully selected instruments to achieve highly aesthetic results without much effort. Included are a diamond saw and a ceramic grinder for separating and tapping points, as well as a shaping diamond with which the material can be prepared for the following processing. A combination of elastic polishers and twist polishers ensures optimum pre-polishing, polishing and the high-gloss finish. In addition, the kit includes two goat hair brushes with leather buffs that can be used with a polishing paste to achieve an even higher degree of gloss.

### **Zirconia Processing Kit: Gentle machining of zirconium oxide before sintering**

Corrections to zirconia can be made very easily before sintering. At the same time, the material is very sensitive at this stage, so defects can quickly occur. The Initial Zirconia Processing Kit contains a tungsten carbide cutter and three differently shaped elastic polishers that are ideal for processing the friable material. The cross-toothed carbide cutter is used for cutting off tapping points that can be levelled with a size 050 universal polisher. A slim conical polisher is used to correct the preparation margin in order to smooth out frayed edges as well as uneven areas. For working on the interdental area, the kit also contains a flexible polishing disc that fits the profile precisely.

### **CAD/CAM Acrylics Processing Kit: High shine for printed bite splints**

Printed bite splints are made of an acrylic that remains soft and tends to smear when polished. A high shine finish can therefore only be achieved with perfectly matched instruments. With the CAD/CAM Acrylics Processing Kit the users are provided with a sophisticated set of instruments. The included carbide cutter allow for easy finishing of CAD/CAM manufactured acrylics. For pre-polishing, an elastic polisher size 100 is provided, which is sufficiently robust to allow minor shape corrections. The fibre fleece brushes, which are also included, guarantee a high shine without overheating or damaging the material. To achieve a high-shine surface, the polishing brush 155 with polishing paste can also be used.

Visuals:



**Figure 1:** Final Touch & Polishing Kit: A combination of elastic polishers and twist polishers make sure that a perfect shine on CAD/CAM-produced materials can be achieved.



**Figure 2:** The Zirconia Processing Kit supports the user in the gentle processing of zirconia before sintering.



**Figure 3:** Using the CAD/CAM Acrylics Processing Kit, high shine can also be achieved on soft acrylics.

Source of visuals: Hager & Meisinger GmbH

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