

Rotating MEISINGER instruments: Numerous innovations at IDS 2023

Neuss, March 2023 - For many years, the International Dental Show (IDS) has been one of the most important platforms in the dental industry for networking and exchanging information. On the occasion of the 100th anniversary of the leading trade fair, there will of course also be numerous innovations to examine at the Hager & Meisinger GmbH stand. The medical technology company from Neuss in Germany is coming up with many interesting innovations, especially in its proven portfolio of rotating instruments.

MEISINGER Prep & Match

A smooth surface and a precise preparation margin are the best starting point for a permanently well-fitting restoration and thus also for a long-lasting crown and bridge restoration. With the new Prep & Match Arkansas grinders, MEISINGER is offering the best instruments for a successful preparation. The burs have the same shape and angle as proven preparation diamonds. This means that the stumps can be reworked after preparation with the precisely fitting Arkansas grinder. This allows irregular surfaces and loosened enamel prisms to be smoothed in an effortless manner, thus improving the quality of the surface significantly. It is also possible to complete the preparation margin more precisely, which also significantly minimises any risk of secondary caries. This perfect combination of preparation instrument and Arkansas grinder is ideally suited for both chamfer and step preparations.

MEISINGER SINGLES – Disposable instruments for hygienic work

With the disposable MEISINGER SINGLES, MEISINGER provides the optimum solution for efficient and hygienic working. The diamond and tungsten carbide instruments along with the disposable polishers make work considerably easier, as time-consuming reprocessing can be done away with. Risk of cross-contamination is considerably reduced due disposing after use. The range of instruments covers a wide spectrum of every day work in the surgery, including prophylaxis and final polishing of composites: In addition to diamonds and carbide instruments, MEISINGER also offers polishers as practical disposable instruments. The SINGLE Diamonds and Carbides are already sterilised, individually packaged as well as being housed in a practical dispenser and can therefore be used directly on the patient. The disposable polishers from MEISINGER can also be optimally distinguished from conventional polishers with their characteristic orange shaft.

Efficient occlusal reduction

Occlusal reduction diamonds are already an integral part of the MEISINGER product portfolio. Thanks to their unique angled depth stop, the special instruments allow precise occlusal reductions. The user can thus define the ablation precisely, which makes these diamond instruments particularly suitable for the preparation of ceramic crowns. To further optimise the machining of smaller teeth, MEISINGER has also developed the new Micro-Occlusal Reduction diamonds. With a reduced diameter, they allow for easier handling in the pre-molar area as well as in hard-to-reach locations. The instruments

combined in the Micro-Occlusal Reduction Diamond Kit also provide an improved view of the working field.

Three new dental sets for CEREC users

In cooperation with Dentsply Sirona, Hager & Meisinger has developed three new polish sets for the intraoral and extraoral area. The three sets include a precise selection of instruments for the latest materials from Dentsply Sirona. The individually tailored instrument compilation offers more safety and precision when processing different restoration materials. The Dentsply Sirona Zirconia Intraoral Polishing Kit provides the user with the optimum combination of twist polishers and a diamond for processing zirconia materials. The kit is particularly suitable for CEREC MTL™ Zirconia. For the processing of glass ceramics such as the CEREC Tessera™, MEISINGER has developed the Dentsply Sirona Glass Ceramic Intraoral Polishing Kit with three twist polishers and an egg-shaped diamond.

The Dentsply Sirona Universal Extraoral Polishing & Shaping Kit also contains a compilation of MEISINGER instruments for restorations with CEREC MTL™ Zirconia and CEREC Tessera™. To cover a wide range of application possibilities and material requirements, this set includes a broader selection of MEISINGER instruments. Thus, the set includes different diamonds to reproduce the characteristic texture of natural teeth. MEISINGER polishers and four twist polishers make sure there is a high-gloss finish. A diamond saw can be used for interdental contouring and separating connectors.

Visuals:



Figure 1: The new Prep & Match Arkansas burs have the same shape and angle as common preparation diamonds. This means that the stumps can be reworked after preparation with a precisely fitting Arkansas grinder.



Figure 2: The disposable instruments (SINGLES) from MEISINGER make work considerably easier, as time-consuming reprocessing is no longer necessary. Risk of cross-contamination is considerably reduced due disposing after use.



Figure 3: Due to the reduced instrument diameters, the Micro-Occlusal Reduction Diamond Kit enables simplified handling in the premolar area and when working on smaller teeth.



Figure 4: The three new dental sets from MEISINGER include a precise fitting selection of instruments for the latest materials from Dentsply Sirona. The individually tailored instrument compilation offers the user more safety and precision when processing each of the different restoration materials.

Press release



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