

SCANTIST 3D – FIRST VANISHING EXTRA-ORAL 3D SCAN SPRAY

■ Even when using modern extra-oral dental scanners in the laboratory, it is necessary to use matting sprays in many applications in order to achieve good contrast values and precise measurement results. Scan sprays not only improve the scan quality but also enable the scanning of transparent objects, reflective objects or objects having deep pockets. These include telescopes, brackets and, most importantly, occlusal and dental splints. Dental 3D scan sprays form a matt, white and homogeneous coating when applied. This reduces reflections and other inhomogeneities and thus creates excellent scanning conditions.

Conventional extra-oral dental 3D scan sprays contain finely ground white colour pigments. The pigments are applied to the object to be scanned and must be removed from the surface of the object after scanning. The pigments dispersed during the spraying process also contaminate the entire scanning environment and settle as white dust all over the scanning area—on the scanners, on electronic devices such as PCs, and on other laboratory and office equipment. Cleaning is only possible—if at all—with enormous effort and expense. Titanium dioxide (TiO₂), one of the pigments used, is also suspected of causing cancer via the inhalation route.

Scanningspray, a company specialising in surface matting for optical 3D scanning, has developed SCANTIST 3D, a new 3D scan spray specifically developed for extra-oral applications in the dental field. It is used in dental laboratories as well as in dental care centres.

After application, SCANTIST 3D products form a homogeneous and very fine matting layer on the object, which, as with other matting sprays, leads to an improvement in the optical properties of the objects to be scanned. At the same time, all SCANTIST 3D products are free of TiO₂.

The revolutionary feature of the brand product SCANTIST 3D VANISHING is that the coating evaporates (sublimates) independently after the scanning process. SCANTIST 3D VANISHING thus eliminates the fundamental application problems of dental 3D scan sprays in the CAD/CAM process, especially problems related to its use in sensitive areas. Since the coating evaporates by itself, there is no need for the otherwise time-consuming subsequent



cleaning of the scanned objects and the laboratory environment. This results in enormous time and cost savings in dental practices, in the production of dental prostheses and in orthodontics. ◀

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MEDENTIKA: WELL-ENGINEERED PROSTHETICS AND IMPLANTS

■ Medentika is part of the Straumann Group and is headquartered in Germany. The products are manufactured in a factory located in the south of Germany in an area renowned for watchmaking and the automotive industry. At an affordable price, Medentika supplies dental laboratories, dental professionals and patients with an attractive system of precision-engineered implants, multiplatform components and abutments that are durable and fully compatible with all major implant systems.

Four Medentika implant systems cover all indication areas. In addition, Medentika offers a unique implant with a 30°-angled implant shoulder especially for full-arch restorations. The implant is called Quattrocone30 owing to its special shape. For all implants, the implant packaging has currently been adapted to make the identification of the implants during storage clearer and easier. Implant removal has also been significantly improved so that the user can insert the implants even more safely straight from the packaging into the patient's mouth.

Prosthetics perfected.
Implants engineered and made in Germany.

#PassionForPrecision

Medentika® LIFETIME GUARANTEE

Leading manufacturer | Made in Germany (Established since 2005) | Global distribution | 2.8 Million implants and abutments per year

MEDENTIKA®
A Straumann Group Brand

Regarding the compatible prosthetic components, several new implant interfaces such as MegaGen, Neoss and WP from Nobel Biocare have been added to give our customers even more flexibility by restoring different implant brands.

Not only have new series been added but also some changes in life cycle management have been made. Medentika has made the new ASC Flex available for all systems. The ASC Flex is an innovative titanium base which makes it possible to move the angled screw channel up to a maximum of 25° and in addition shorten the 6.5mm high chimney by 1.0mm steps down to 4.5mm—even when using a digital workflow. To complete the system, two new variants of this titanium base have been developed—a non-indexed version for bridges and a version with a second gingival height of 2.5mm. In addition, Novaloc patrices are available for the multi-unit abutments. They are a simple and cost-effective way to convert a fixed full-arch restoration into a removable restoration when the clinical situation requires it. ◀

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FKG DENTAIRE EXPANDS ITS ENDODONTIC MOTOR RANGE WITH THE NEW ROOTER X3000



■ FKG Dentaire presents the Rooter X3000, redefining endodontic standards. This novel cordless endodontic motor combines technology, functionality and adaptability in a 20 cm unit. It stands out for the fastest speed on the market (3,000 rpm), ten programmable memories and preset programs for different types of FKG files. Its ergonomic design, light weight and 360° rotatable extra-slim contra-angle head ensure perfect handling and visibility.

Every new FKG product responds to the most exacting needs of endodontists with leading-edge technology and uncompromising quality. The Rooter X3000 advances endodontics with a new cordless, brushless endodontic motor with integrated apex locator.

Adaptability as technical keyword

Benchmark speed coupled with guaranteed stability and precision are only the tip of the iceberg of Rooter X3000's features. Adaptability reflects its core, starting with the four FKG presets: XP-endo Treatment, XP-endo Retreatment, RACE EVO and R-Motion. This saves time for endodontists, who can rely on the manufacturer's predefined recommendations for each file type. The endodontic motor also provides ten user-programmable memories for all modes (EAL, CW, CCW, REC or ATR), more than 60 speeds and—of course—a high-precision built-in apex locator and a range of automatic apical functions.

Agility as practical credo

As with any device, practice validates innovation. With its ergo-

nomie handpiece weighing only 157 g, perfect balance and fully rotatable ultra-slim contra-angle head, the Rooter X3000 ensures a comfortable grip, agile handling and excellent visibility of the operating field. FKG has designed and developed all details to provide maximum freedom of use to the practitioner, optimising both speed and efficiency. Features include complete adaptability of the device and its display for both left- and right-handed users, a broad range of user-controlled settings, extensive file brand compatibility, wireless charging stand, and volume control. ◀

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