

GEO Expert functional wax-set by Renfert for the functional modeling and creating of restorations

Systematically giving function a shape: the Functional Wax-Up according to NAT

Interference-free, supported but positionally stable and efficient – created by nature and reproduced through functional reconstruction of the morphology. With more than 40 years of expertise in the field of dental waxes and wax equipment, Renfert has now launched another wax range: The GEO Expert Functional Wax-Set shows both dental technicians and dentists how to create a functional wax-up according to NAT – Step by step and wax after wax. True to the company motto, “Making Work Easy”, the six modeling waxes, which are color coded according to the natural wax-up technique by CDT Dieter Schulz and the accompanying guide by CDT Oliver Dreher, make it easier for the user to reproduce lifelike occlusal surfaces – whether for training purposes, for personal practise or for the production of functional wax-ups and restorations. The new Design Wax Set is therefore an ideal addition to the exclusive GEO Expert Wax-Up Set- by A. Bruguera in the GEO Expert Wax line from Renfert.

“By incorporating function within the pattern, the tooth is given a natural shape. From the start, the Occlusal Compass gives us direction and understanding of where to place the cusps and segments.” For Oliver Dreher, who was involved in the development of the Expert Function Wax Set, the ability to understand and produce a natural and functional wax-up should be a compulsory exercise for every dental technician. In order to simplify the wax-up and make the segmented modeling process more safe and effective, the six colored waxes were designed according to the internationally recognized NAT color coding - for better understanding of the biomechanical occlusion and functional theory, for easy and efficient modeling for waxing beginners as well as specialists!

Color-structured segmented wax-up according to NAT

The accompanying manual, which is printed in color throughout, was developed by Renfert in collaboration with Oliver Dreher. It contains basic information on the segmented wax-up technique and the Occlusal Compass, it also includes practical information on the individual modeling waxes. With this manual and its photos and illustrations it is possible to follow how the NAT is created - the production of lifelike occlusal surfaces, where overloading or damage to the structures can be avoided and rework is reduced to a minimum. The opaque Expert Functional modeling waxes, with which all functional areas can be reproduced according to the movements shown by the Occlusal Compass, have excellent modeling and carving properties – in particular, when using an electric modeling instrument such as the Waxlectric.



making work easy

According to the Schulz/Polz philosophy, functional and structured wax-ups according to NAT can be created using hard waxes.

- **GEO Expert Functional Wax green**
Green modeling wax for segments, which are influenced by mediotrusion (MT).
- **GEO Expert Functional Wax blue:**
Blue wax for tooth segments, which are influenced by laterotrusion (LT).
- **GEO Expert Functional Wax gray:**
Gray wax for cusps, which are influenced by lateroprotrusion (LPT).
- **GEO Expert Functional Wax yellow:**
Yellow wax is for cusps, which are influenced by lateroprotrusion (LPT).
- **GEO Expert Functional Wax orange:**
Orange colored wax is for segments, which are influenced by medioprotrusion (MPT).
- **GEO Expert Functional Wax red**
Red cervical wax is for precise waxing of the preparational margin.

The innovative Expert Functional Wax Set is officially recommended by Oliver Dreher and available now. In addition to the six modeling waxes, which are also available as individual refills, it also includes a high quality 60 page introductory guide and the special Expert Functional Wax Compass, which allows the user to check the various functional areas for each of the four quadrants at all times.

According to the motto "Making Work Easy", Renfert also provides users with multimedia learning tools such as video and application clips on the Internet. And if you would prefer to learn the natural waxing technique directly with and from Oliver Dreher, you are welcome to register for one of his courses in Renfert's new training center in Hilzingen.

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