zebris JMA Optic

Real Movement in Functional Digital Dentistry
The new dimension of the function-oriented digital workflow

Welcome to the world of functional digital dentistry

The JMA Optic system is based upon the latest optical sensor technology which makes it a new dimension in functional dentistry.

Real movement: Transfer real patient data or the settings of virtual articulators via standardized XML-transfer to external CAD systems (Tizian CAD/CAM system). The system is an integral part of the Schütz Dental digital workflow for the production of functional prosthetics.

The patented coupling tray establishes the exact relationship between the movement data supplied by the measuring system and the tooth surfaces scanned by the model scanner (Tizian Smart-Scan Plus) or the intraoral scanner (i500). At the same time, the coupling tray is part of the new zebris transfer stand and it facilitates an easy transfer of the upper jaw position to a mechanical articulator. The use of a mechanical facebow becomes unnecessary.

Your benefits:

- Reliable prosthetics
- Forensic transparency
- Documentation
- Happy patients
- Digital image for your practice
- Decisive competitive advantage

JMA Optic – precise, safe, quick and economic!
Precise: The analyzer consists of a manageable stand-alone headbow with lower jaw sensor. It lets you record with high precision the condyle movement as well as all six movement directions of the lower jaw.

Quick: The system can be operated optionally over a USB interface or completely without a cord via Wi-Fi. The face bow fastens easily with a few simple adjustments of the nasion support, headband and support pads on the spring-mounted side arms. With the included T-pointer, the user enters an arbitrary reference plane on the head.

Safe: For safe storage of the instrument components, the basic system comes with a table stand which simultaneously serves as an inductive charging station for the battery-powered facebow. The extremely small and lightweight lower jaw sensor fastens magnetically onto paraocclusal or occlusal attachments and is then linked to the teeth in the lower jaw. The modular and intuitive analytical software WINJAW+ includes a database, the basic module for determining parameters of mechanical and virtual articulators as well as an export function for real movement data. Optionally available are additional modules for function analysis, for the analysis of condyle positions and for the determination of a neuromuscular jaw relation, and the Plane Finder Module.

The system includes:

- Electronic headbow
- Lower jaw sensor
- T-pointer
- Analytical software WINJAW+ with basic module articulator and data export
- Table stand with inductive charger
- Foot switch/hand switch (cordless)
- Attachments
- User manual
- Carry case

Optional: miscellaneous additional software modules

The analyser is operated from a conventional personal computer under the Windows 10 operating system.
Contact

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