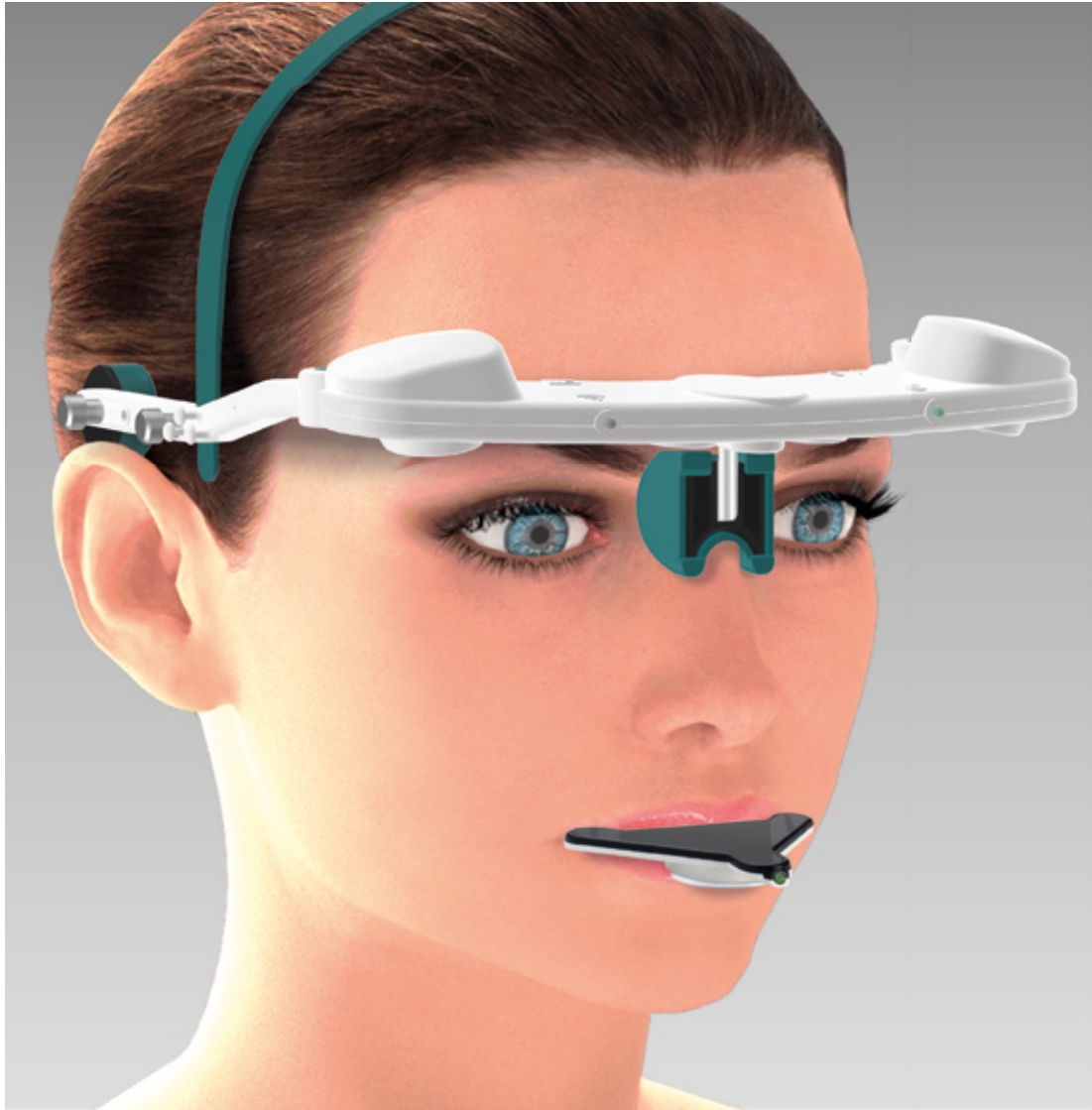


NEW

# Welcome to the World of Functional Digital Dentistry



*OPTIC*  
*JMA*

zebris

# The new dimension in Jaw Movement Analysis - the zebris JMA Optic System

The **JMA<sup>Optic</sup>**-system expands the proven and especially practical zebris **JMA**-systems with latest-generation optical sensor technology, and thus opens up new dimensions of functional dentistry.

The Analyser consists of a handy stand-alone face bow with a lower jaw sensor and – in addition to condylar movement – is capable of recording the lower jaw's range of motion over all degrees of freedom with high precision.

Its uses cover a wide range of applications, from creating functional dental restorations to planning, documentation and monitoring of the stomatognathic rehabilitation.

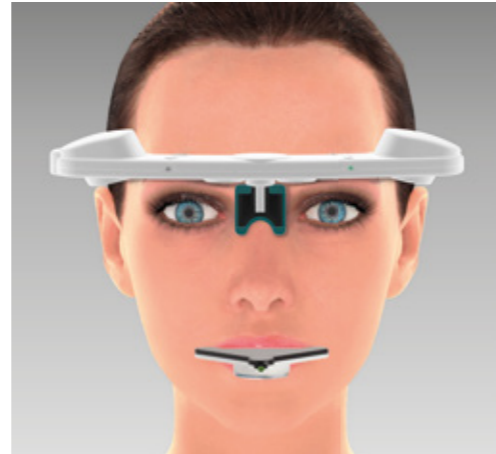
The system can be operated optionally over a USB interface or completely cordlessly over Wi-Fi.

The face bow fastens easily with a few simple adjustments of the nasion support, headband and support pads on the spring-mounted side arms.

Via the C-bow positioner with pointer a head-related reference plane can be entered.

For secure and convenient storage of the instrument components, the system can be optionally extended with a table stand which simultaneously serves as an inductive charging station.

The extremely small and lightweight lower jaw sensor fastens magnetically onto paraocclusal or occlusal attachments and is attached to the lower teeth.



Safe and comfortable – the face bow has cushioned pads and a headband for support.



The C-bow positioner enables the recording of a head-related reference plane.



Always quickly at hand – table stand with inductive charging station.

Real patient data or settings of virtual articulators can be transferred to external CAD systems by exporting in standardised XML format.

The system is thus an integral component in the digital workflow for creating functional dental prostheses.

A patented bite fork establishes the exact relationship between the movement data in the measuring system and the surfaces of the teeth scanned by the model or intraoral scanner.

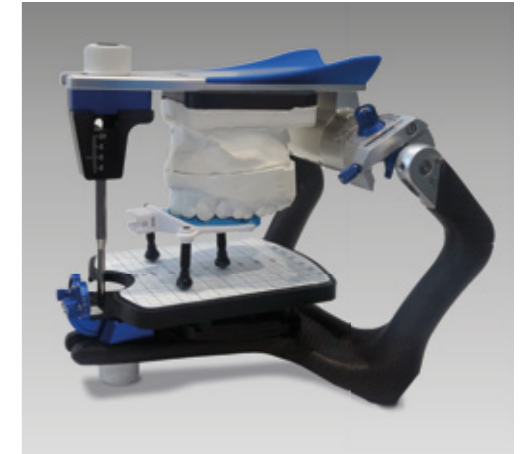
The bite fork is part of the new zebris transfer stand and allows easy transfer of the maxillary position to mechanical articulators.

Use of a mechanical face bow thus becomes superfluous.

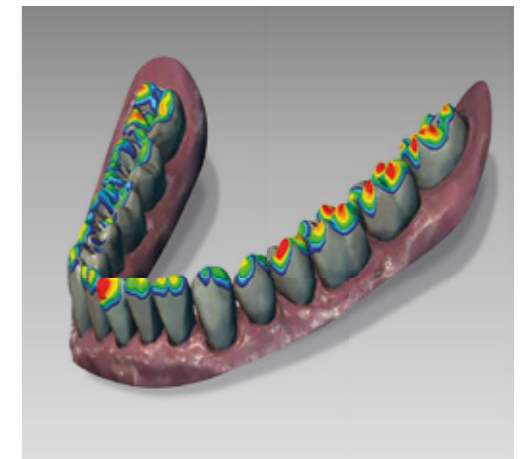
The modular and intuitive analytical software WINJAW<sup>+</sup> includes a database, the basic module for determining settings for mechanical and virtual articulators, and an export function.

Expansion modules are optionally available for digital occlusion analyses, for functional analyses, positional analyses of the condyles, determination of a neuromuscular jaw relation and for programming the CEREC articulator.

The system is operated via PC and can be conveniently stowed and transported in the included case.



Transfer stand for transferring the maxillary position to mechanical articulators using the bite fork.



Representation of the static and dynamic contact situation with the software modul "digital occlusion analysis".



The software's basic module enables programming articulators and export XML data to external CAD/CAM systems.

# Compact and transportable – the complete **JMA<sup>Optic</sup>**



## The system includes:

- Electronic face bow
- Lower jaw sensor
- C-bow positioner with pointer
- Small parts
- Software WINJAW<sup>+</sup> with basic module articulator and data export
- Carry case

## Available options:

- Table stand / inductive charger
- Foot switch / hand switch (cordless)
- Software expansion modules

**The system can be ordered  
with notebook ready for use.  
(Specifications on request)**

Base color: white RAL 9003

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