

Stratos[®]

The tried-and-tested articulators



Precision. Function. Design.

TRIED-AND-TESTED DESIGN – NEW TECHNOLOGY

The name Stratos stands for precision articulators with convincing quality and ergonomic design. Ivoclar Vivadent offers a range of articulators which are the result of consistent further development and exact coordination with customer requirements. They come with a comprehensive assortment of accessories.

STRATOS 100

The **AVERAGE-VALUE** articulator



The average-value articulator for easy and exact tooth set-up in removable denture prosthetics.

STRATOS 200

The **SEMI-ADJUSTABLE** articulator



The semi-adjustable articulator for universal application in the field of fixed and removable denture prosthetics.

STRATOS 300

The **INDIVIDUAL** articulator



The individual articulator for functional simulations in conjunction with the high-quality crown and bridge technique as well as implant prosthetics.

The special design with bent incline supports provides optimum space and accessibility to the work area. With various accessories, the articulators can be individually extended and used very economically.



Picture library Dusseldorf, Germany



Scientific

The Stratos combines the expertise of renowned universities, dentists and dental technicians. Various studies resulted in important findings that were subsequently incorporated into the articulator.

Functional

The latest construction methods (CAD) were used for the development of the Stratos. With the help of numerous computer simulations, the handling properties and function were further optimized.

Precise

State-of-the-art production methods (CAM) and consistent quality inspections by means of precise 3D measuring devices during and after manufacturing ensure the precision of the Stratos.

Well-proven

Intensive durability tests (15,000 movement cycles) with the help of specially developed test appliances document the quality and durability of the Stratos.

CLINICALLY AND TECHNICALLY CONVINCING

Stylish presentation

The Stratos is the optimum basis for high-quality prosthetic restorations. With this state-of-the-art articulator, even the most complex functional movement patterns can be exactly simulated and reproduced.

The white powder-coating of the components conveys clinical cleanness and hygiene. The modern silver and gold colours of the incline supports break up the formality and support the image of a high-quality articulator. Moreover, the three articulator types can be easily distinguished.

With the assortment of Stratos articulators, you will be able to present your work to patients with delight and in style.

DENTISTRY



Individual extension

No matter if you need a simple average-value articulator for your daily work or a semi-adjustable or individual articulator with numerous possibilities: Ivoclar Vivadent offers the device to suit your needs.

The timeless, ergonomic design gives the Stratos its unique character. The proven construction with bent incline supports is a distinguishing feature of the articulator and creates room for best possible freedom of movement in the work area.

Make the Stratos your individual articulator with the help of the wide range of accessories. Its user-friendliness, economic efficiency and precision will fill you with enthusiasm.

DENTAL LAB TECHNOLOGY



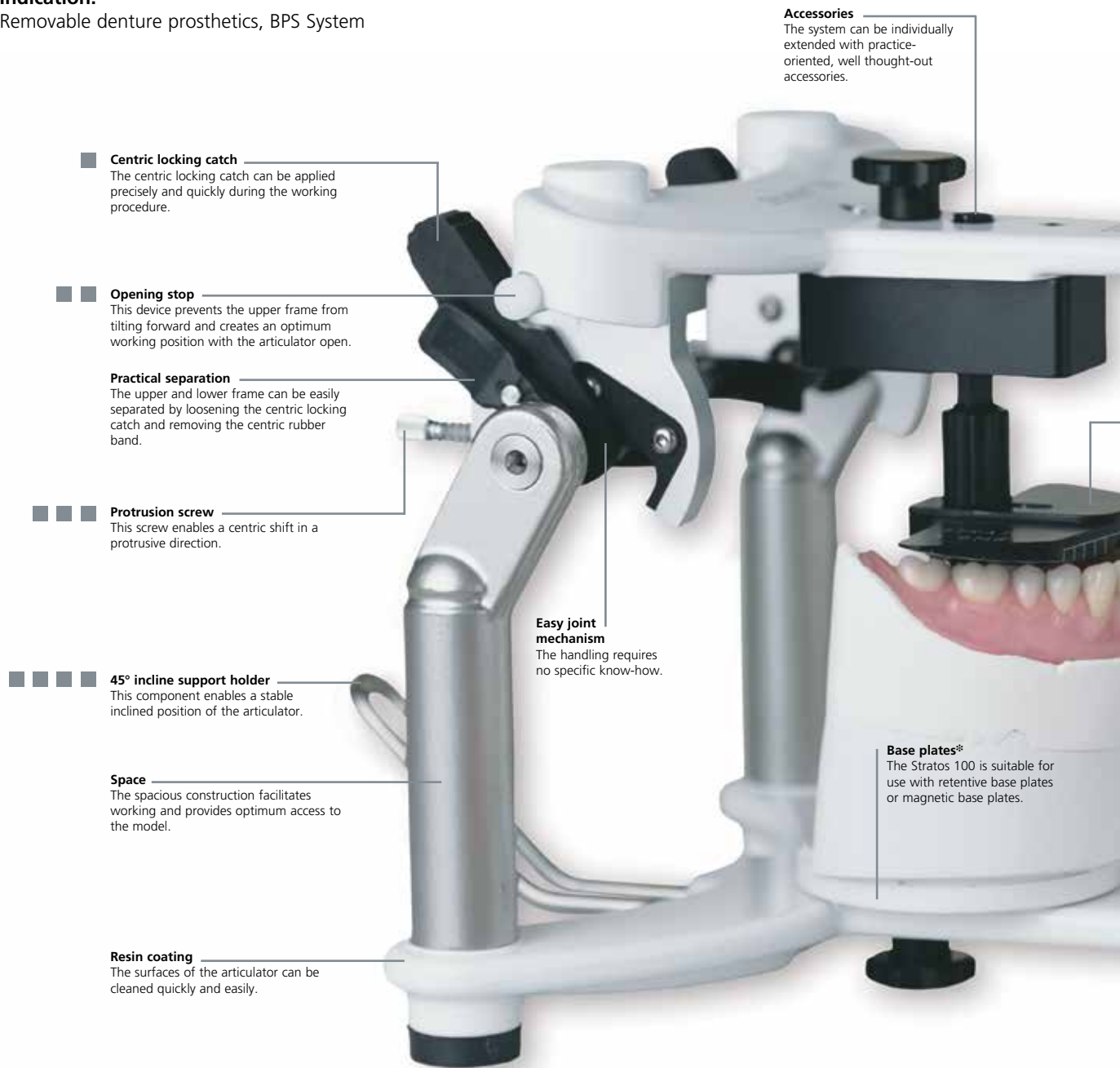
STRATOS 100

THE AVERAGE-VALUE ARTICULATOR

The Stratos 100 is a simple average-value articulator with very convenient handling. Ivoclar Vivadent teeth can be set-up easily and quickly in conjunction with the setting-up template.

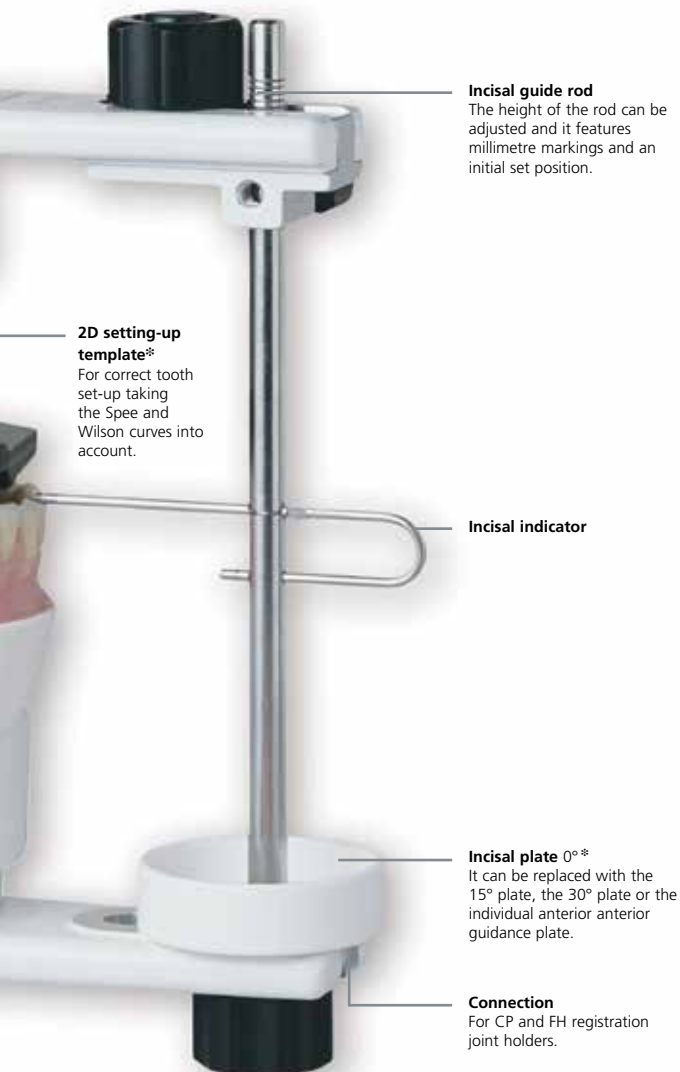
Indication:

Removable denture prosthetics, BPS System



* included as standard

SIMPLE PRACTICAL UNCOMPLICATED



THE HIGHLIGHTS

■ Centric locking catch



■ ■ 120° opening stop



■ ■ ■ Protrusion screw



■ ■ ■ ■ 45° incline support holder



DELIVERY FORM

- 1 Basic articulator
- 1 Incline support holder
- 1 Plaster protection
- 1 Base block (retentive)
- 1 Incisal indicator
- 1 Incisal plate 0°

STRATOS 200

THE SEMI-ADJUSTABLE ARTICULATOR

The Stratos 200 is a semi-adjustable articulator with various setting options due to exchangeable joint inserts. It has been especially designed for use in fixed and removable denture prosthetics.

Indication:

Removable denture prosthetics,
BPS System, fixed crowns and bridges

Opening stop

This device prevents the upper frame from tilting forward and creates an optimum working position with the articulator open.

Centric locking catch

The centric locking catch can be applied precisely and quickly during the working procedure.

Practical separation

By loosening the centric fixation screw, the upper and lower frames of the Stratos 200 may easily be separated and re-fixed.

Protrusion screw

This screw enables a centric shift in a protrusive direction.

Side-shift movement

The ISS screw of the Stratos 200 permits an immediate side-shift movement of 0 – 1.5mm.

45° incline support holder

This component enables a stable inclined position of the articulator.

Incline supports

These incline supports provide ample space when working on the models and permit ergonomic handling of the articulator.

Exchangeable joint inserts

With the exchangeable joint inserts, the protrusion and Bennett angles can be individually adjusted in the Stratos 200.

Retrusion

With the Stratos 200, a retrusive movement of 35° can be executed.

Splitcast systems*

The Stratos 200 can be coordinated with other articulators due to its compatibility with Splitcast systems.

Base plates

The Stratos 200 is suitable for use with retentive base plates or magnetic base plates.

* included as standard

VERSATILE PRACTICAL UNIVERSAL

Accessories

The system can be individually extended with practice-oriented, well thought-out accessories.

Incisal guide rod

The height of the rod can be adjusted and it features millimetre markings and an initial set position.

Incisal plate 0°*

It can be replaced with the 15° plate, the 30° plate or the individual anterior anterior guidance plate.

Connection

For CP and FH registration joint holders.

THE HIGHLIGHTS

Exchangeable joint inserts



Centric locking catch



Protrusion screw



Side-shift setting



DELIVERY FORM

- 1 Basic articulator
- 1 Incline support holder
- 1 Plaster protection
- 1 Base block (retentive)
- 1 Incisal indicator
- 2 Protrusion inserts 30°
- 1 Incisal plate 0°

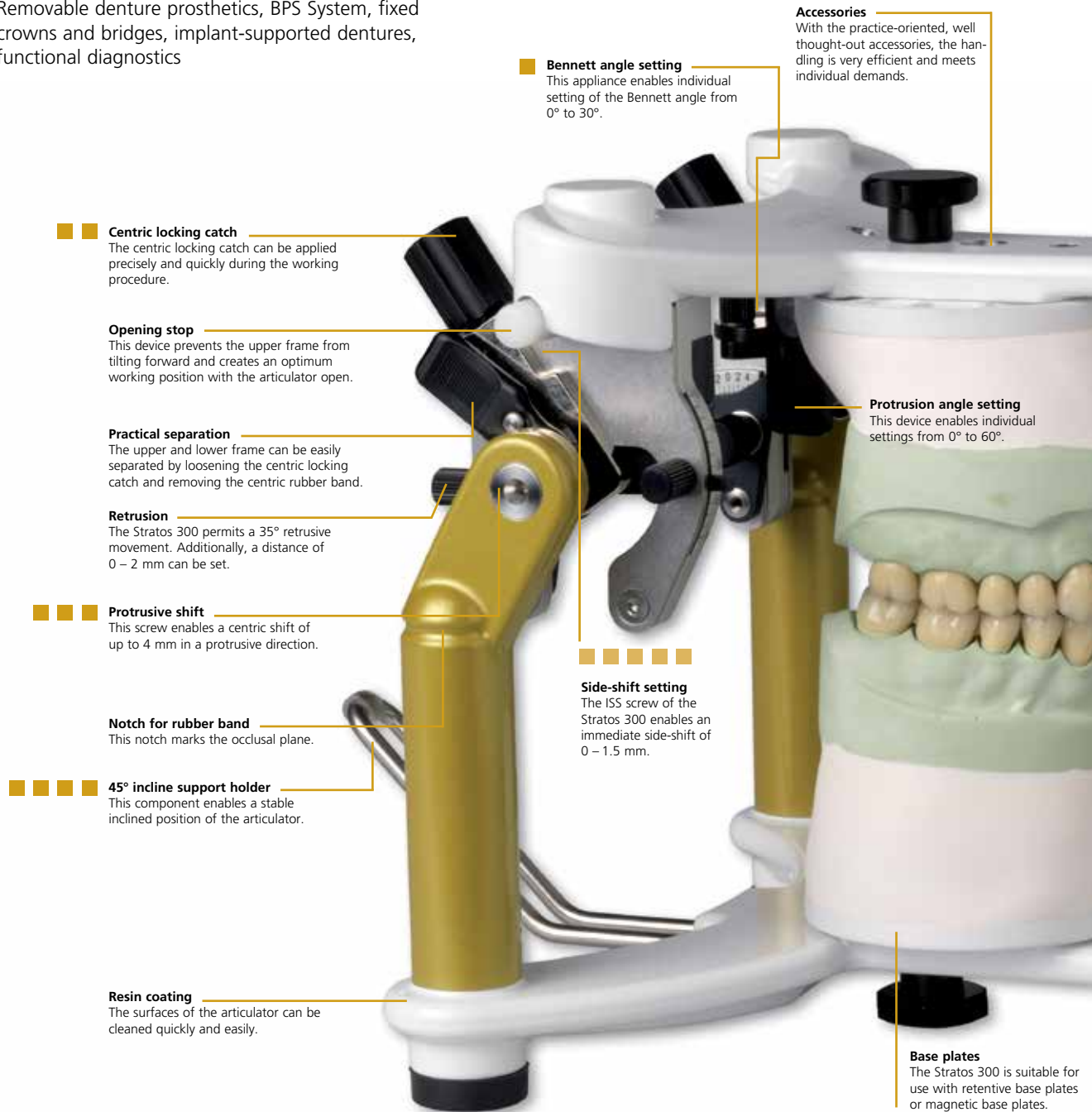
STRATOS 300

THE INDIVIDUAL ARTICULATOR

The Stratos 300 is a state-of-the-art precision articulator with individual setting options. With its wealth of possible variations, it represents the optimum basis for exact functional simulations for demanding, high-quality dentures.

Indication:

Removable denture prosthetics, BPS System, fixed crowns and bridges, implant-supported dentures, functional diagnostics



Centric locking catch
The centric locking catch can be applied precisely and quickly during the working procedure.

Opening stop
This device prevents the upper frame from tilting forward and creates an optimum working position with the articulator open.

Practical separation
The upper and lower frame can be easily separated by loosening the centric locking catch and removing the centric rubber band.

Retrusion
The Stratos 300 permits a 35° retrusive movement. Additionally, a distance of 0 – 2 mm can be set.

Protrusive shift
This screw enables a centric shift of up to 4 mm in a protrusive direction.

Notch for rubber band
This notch marks the occlusal plane.

45° incline support holder
This component enables a stable inclined position of the articulator.

Resin coating
The surfaces of the articulator can be cleaned quickly and easily.

Bennett angle setting
This appliance enables individual setting of the Bennett angle from 0° to 30°.

Accessories
With the practice-oriented, well thought-out accessories, the handling is very efficient and meets individual demands.

Protrusion angle setting
This device enables individual settings from 0° to 60°.

Side-shift setting
The ISS screw of the Stratos 300 enables an immediate side-shift of 0 – 1.5 mm.

Base plates
The Stratos 300 is suitable for use with retentive base plates or magnetic base plates.

HIGH-QUALITY VERSATILE FLEXIBLE

THE HIGHLIGHTS

■ Bennett angle setting



■ Centric locking catch



■ Protrusive shift



■ 120° opening stop



■ Side-shift setting



■ Incisal guide rod

The height of the rod can be adjusted and it features millimetre markings and an initial set position.

■ Incisal plate 0°*

It can be replaced with the 15° plate, the 30° plate or the individual anterior anterior guidance plate.

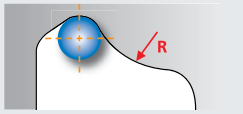
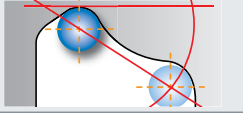
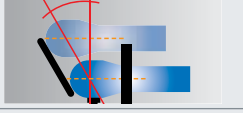
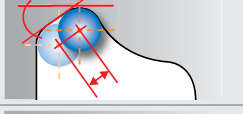
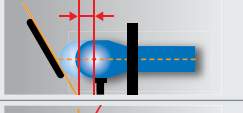
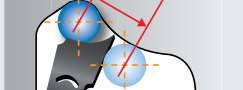
■ Connection

For CP and FH registration joint holders.

DELIVERY FORM

- 1 Basic articulator
- 1 Incline support holder
- 1 Plaster protection
- 1 Base block (retentive)
- 1 Incisal indicator
- 1 Incisal plate 0°

COMPARISON OF THE STRATOS 100, STRATOS 200 AND STRATOS 300 JOINTS

		Stratos 100	Stratos 200	Stratos 300
Condylar path curvature		Radius 12.5	Radius 12.5	Radius 12.5
Protrusive movement		30°, fixed	30°, [15°, 20°, 25°, 35°, 40°, 45°, 60°]*	0 – 60°, adjustable
Bennett movement		15° / 30°, fixed	15° / 30°, fixed	0 – 30°, adjustable
Retrusive movement		35°	35°	35° / 0 – 2 mm, adjustable
Side-shift setting		–	0 – 1.5 mm, adjustable	0 – 1.5 mm, adjustable
Protrusive centric shift		0 – 4 mm, adjustable	0 – 4 mm, adjustable	0 – 4 mm, adjustable

*Protrusion inserts are available individually or as part of the "personalized" Accessories Assortment.

UTS 3D TRANSFERBOW

The Universal Transferbow System (UTS) is very efficient, economic and precise. In less than three minutes, an experienced user is able to transfer the arbitrary position of a patient's maxilla into the Stratos.



Indirect method with CE registration joint holder (without UTS 3D transferbow)



With height-adjustable support pins (Type 2) and UTS 3D transferbow



ARTICULATOR PROGRAMMING

For the registration and determination of individual patient parameters regarding articulator programming, we recommend several different electronic jaw movement measuring systems, which support the Stratos articulators.

More information about articulator programming is available at:

www.ivoclarvivadent.com

STANDARD ACCESSORIES

Various Accessories



3D setting-up template
For correct tooth set-up of personalized models in conjunction with the transferbow taking the Spee and Wilson curves into account.



Individual Anterior Guidance Plate
With this accessory, the lateral anterior guidance angle can be individually set to a value between 0° and 55°. The protrusive anterior guidance angle can be infinitely set to a value between 0° and 70°.



2 1/2 D setting-up template
For ideal tooth set-up with the option of a dorsal increase of the occlusal plane in models oriented according to average values.



Curved Incisal Pin With Holder
This accessory is required for the Individual Anterior Guidance Plate and permits precise, infinite lifting and lowering of the articulator height. A millimetre scale is used as the indicator.



FH registration joint holder
For the transfer of the UTS registration according to the Frankfort Horizontal (FH).



Stratos® adaptor for facebows of other manufacturers
This accessory allows transfer-/facebows of other manufacturers to be connected to the Stratos articulators (connection bolt required).



Adjustable support pins (Type II)
For direct connection of the UTS 3D to the Stratos.



Centric rubber band set
These centric rubber bands can be used for the Stratos 100, 200, and 300.



Base blocks
Retentive base block with plaster protection.



Magnetic base block with block former



(Symbolic representation)

Stratos® case
A stable case made of aluminium which protects the Stratos articulator against damage and contamination during transportation.

Literature

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Stratos 200: New possibilities in biogenic prosthetics
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Ivoclar Handbook of complete denture prosthetics (Schaffner T.)

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Experimentelle Untersuchung zur Zentriergenauigkeit des
Stratos 200 (Körber S., Körber K.H.)

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Computerunterstützte individuelle Artikulatorjustierung
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L'articulateur biofonctionnel. Le Stratos 200 (Kraus C.)

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Prothetik (Hüe O., Mariani P.)

Rheinisches Zahnärzteblatt 4/95 (8-11)
Artikulatorstechnik mit individuell gefrästen Bewegungssteu-
erungen im Zeichen der Computertechnologie
(Hugger A.)

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BPS Totalprothese
Mit System zum Ziel (Fiedler K.)

"Average" Accessories Assortment



a) Instrument carrier

With this device, the horizontal guide, set-up table, 2D setting-up template, and bite fork support can be attached.

b) Horizontal guide

For the orientation of dentulous and edentulous models according to the Bonwill triangle.

c) 2D setting-up template

For correct tooth set-up during average-value orientation, taking the Spee and Wilson curves into account.

d) Set-up table

For easy, average-value orientation of dentulous models according to the Bonwill triangle.

“Personalized” Accessories Assortment



e) Plane indicator

Indicates the reference plane during personalized model orientation in the Stratos.

f) Bite fork support

Supports the bite fork of the transferbow and prevents it from lowering during model orientation in the Stratos.

g) CP registration joint holder

The registration joint is sufficient for model orientation in the Stratos. In this way, dentists no longer have to send the complete transferbow to the laboratories.

h) Incisal plates

15°, 30°, 0° and individual plate

i) Assortment of joint inserts

Protrusion inserts: 15°, 20°, 25°, 35°, 40°, 45°, 60°

Bennett inserts: 15°



Fixed Prosthetics

Stratos® forms a part of the “Fixed Prosthetics” product category. The products of this category cover the procedure involved in the fabrication of fixed prosthetic restorations – from temporization to restoration care. The products are optimally coordinated with each other and enable successful processing and application.



THESE ARE FURTHER PRODUCTS OF THIS CATEGORY:

Telio®

Everything (for) provisionals



A system for all your temporary restoration needs

- Suited for conventional and implant-supported restorations
- Compatible range of materials in coordinated shades
- Virtually limitless application options

IPS e.max® System

all ceramic – all you need



The comprehensive solution covering all indications

- Highly esthetic, high-strength materials for the press and CAD/CAM technique
- Unique lithium disilicate (LS₂) and zirconium oxide (ZrO₂) ceramics for restorations ranging from thin veneers to long-span bridges
- Flexibility of cementation: adhesive, self-adhesive and conventional

Would you like to know more about the products of the “Fixed Prosthetics” category? Simply get in touch with your contact person at Ivoclar Vivadent or visit www.ivoclarvivadent.com for more information.

Ivoclar Vivadent AG
 Bendererstr. 2
 9494 Schaan
 Liechtenstein
 Tel. +423 235 35 35
 Fax +423 235 33 60
www.ivoclarvivadent.com

ivoclar
vivadent
 passion vision innovation