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STRATOS®
ARTICULATORS



PRECISION
FUNCTION
DESIGN

ivoclar vivadent:
passion vision innovation

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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.

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

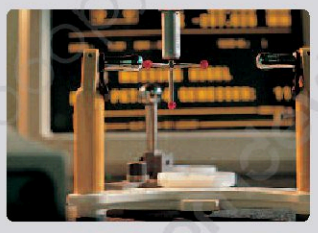
Scientific

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.



Tried-and-tested

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

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CLINICALLY AND TECHNICALLY CONVINCING

STRATOS

Stylish presentation

DENTISTRY

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.



Individual extension

DENTAL LAB TECHNOLOGY

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.



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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



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

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.

Protrusion screw
This screw enables a centric shift in a protrusive direction.

Easy joint mechanism
The joint settings are maintained and the handling requires no specific know-how.

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

Base plates*
The Stratos 100 is suitable for use with retentive base plates or magnetic base plates.

Space
The spacious construction facilitates working and provides optimum access to the model.

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





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SIMPLE PRACTICAL UNCOMPLICATED



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

2D setting-up template*
For correct tooth set-up taking the Spee and Wilson curves into account.

Incisal indicator

Incisal plate*
It is exchangeable and is available as 0°, 15°, 30° and individual plate.

Connection
For CP and FH registration joint holders.

THE HIGHLIGHTS

■ Centric locking catch



■■ 120° opening stop



■■■ Protrusion screw



■■■■ 45° incline support holder



* not included as standard



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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 Statos 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.



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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*
It is exchangeable and is available as 0°, 15°, 30° and individual plate.

Connection
For CP and FH registration joint holders.

THE HIGHLIGHTS

Exchangeable joint inserts



Centric locking catch



Protrusion screw



Side-shift setting



* not included as standard

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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



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

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

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.

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.

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HIGH-QUALITY VERSATILE FLEXIBLE



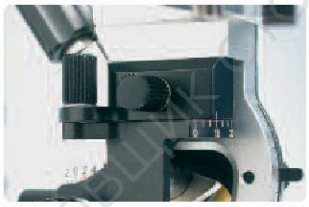
Incisal guide rod
The height of the rod can be adjusted and it features millimeter markings and an initial set position.

Incisal plate *
It is exchangeable and is available as 0°, 15°, 30° and individual plate.

Connection
For CP and FH registration joint holders.

THE HIGHLIGHTS

- Bennett angle setting



- Centric locking catch



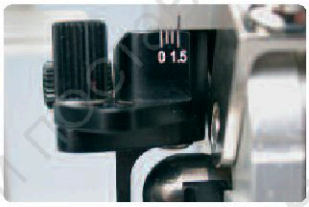
- Protrusive shift



- 120° opening stop



- Side-shift setting



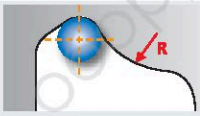
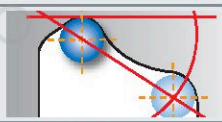
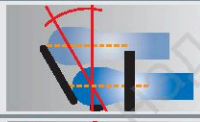
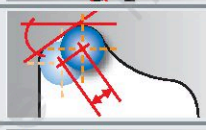
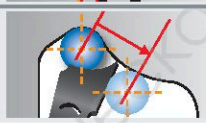
* not included as standard

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STRATOS®

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



Direct method



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.

Further information is available at ***ww.ivoclarvivadent.com***

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STANDARD ACCESSORIES

"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°

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.



Trio setting-up template
For correct tooth set-up of average-valued models, using the Trio tooth line.



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



Base blocks
Retentive base block with plaster protection.



Magnetic base block with block former



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.

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STRATOS®
ARTICULATORS

DELIVERY FORMS



Stratos 100
1 Stratos 100 basic articulator
1 Incline support holder
1 Plaster protection
1 Base block (retentive)
1 Incisal indicator
1 Incisal plate 0°



Stratos 200
1 Stratos 200 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
1 Stratos 300 basic articulator
1 Incline support holder
1 Plaster protection
1 Base block (retentive)
1 Incisal indicator
1 Incisal plate 0°

Courses and workshops

The ICDE (International Center for Dental Education) of Ivoclar Vivadent continuously offers courses and workshops, in which the various Stratos types are used.



Literature

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Printed in Switzerland
627641/0309/e/RDV

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