The tried-and-tested articulators

Precision. Function. Design.
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.

**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.
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.

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.
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

- **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.

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

- **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.

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

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

* included as standard
Incisal plate
It can be replaced with the 15° plate, the 30° plate or the individual anterior guidance plate.

Connection
For CP and FH registration joint holders.

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

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

THE HIGHLIGHTS
- Centric locking catch
- 120° opening stop
- Protrusion screw
- 45° incline support holder

DELIVERY FORM
1. Basic articulator
2. Incline support holder
3. Plaster protection
4. Base block (retentive)
5. Incisal indicator
6. Incisal plate 0°
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.

- **Retrusion**  
  With the Stratos 200, a retractive movement of 35° can be executed.

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

- **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
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.

Incisal guide rod

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

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

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°
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.

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

**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°.

- **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.

* included as standard
Incisal plate 0°
It can be replaced with the 15° plate, the 30° plate or the individual anterior anterior guidance plate.

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

Connection
For CP and FH registration joint holders.
### COMPARISON OF THE STRATOS 100, STRATOS 200 AND STRATOS 300 JOINTS

<table>
<thead>
<tr>
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<th>Stratos 100</th>
<th>Stratos 200</th>
<th>Stratos 300</th>
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</thead>
<tbody>
<tr>
<td>Condylar path curvature</td>
<td>Radius 12.5</td>
<td>Radius 12.5</td>
<td>Radius 12.5</td>
</tr>
<tr>
<td>Protrusive movement</td>
<td>30°, fixed</td>
<td>30°, [15°, 20°, 25°, 35°, 40°, 45°, 60°]</td>
<td>0 – 60°, adjustable</td>
</tr>
<tr>
<td>Bennett movement</td>
<td>15° / 30°, fixed</td>
<td>15° / 30°, fixed</td>
<td>0 – 30°, adjustable</td>
</tr>
<tr>
<td>Retrusive movement</td>
<td>35°</td>
<td>35°</td>
<td>35° / 0 – 2 mm, adjustable</td>
</tr>
<tr>
<td>Side-shift setting</td>
<td>–</td>
<td>0 – 1.5 mm, adjustable</td>
<td>0 – 1.5 mm, adjustable</td>
</tr>
<tr>
<td>Protrusive centric shift</td>
<td>0 – 4 mm, adjustable</td>
<td>0 – 4 mm, adjustable</td>
<td>0 – 4 mm, adjustable</td>
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*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)](image)

![With height-adjustable support pins (Type 2) and UTS 3D transferbow](image)

### 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](http://www.ivoclarvivadent.com)
STANDARD ACCESSORIES

Various Accessories

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

2 ½ 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.

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

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

Base blocks
Retentive base block with plaster protection.

Magnetic base block with block former

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°.

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.

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).

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

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

Literature

Ivoclar Vivadent Report no. 9
Stratos 200: New possibilities in biogenic prosthetics (Grünenfelder R.) – out of print
Ivoclar Handbook of complete denture prosthetics (Schaffner T.)

Deutsche Zahnärztliche Zeitung 50 (478-480)
Computerverstüztete individuelle Artikulatorjustierung (Hugger A., Klett R., Stützgen U.)

Dissertation Universität Strasbourg
L’articulateur biofonctionnel. Le Stratos 200 (Kraus C.)

dental spectrum – Ein neuer Ansatz in der abnehmbaren Prothetik (Hue Ö., Mariani P.)

Rheinisches Zahnärzteblatt 4/95 (8-11)
Artikulatorentechnik mit individuell gefästen Bewegungssteuerungen im Zeichen der Computertechnologie (Hugger A.)

Neuer Merkur Verlag
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°
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.

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.