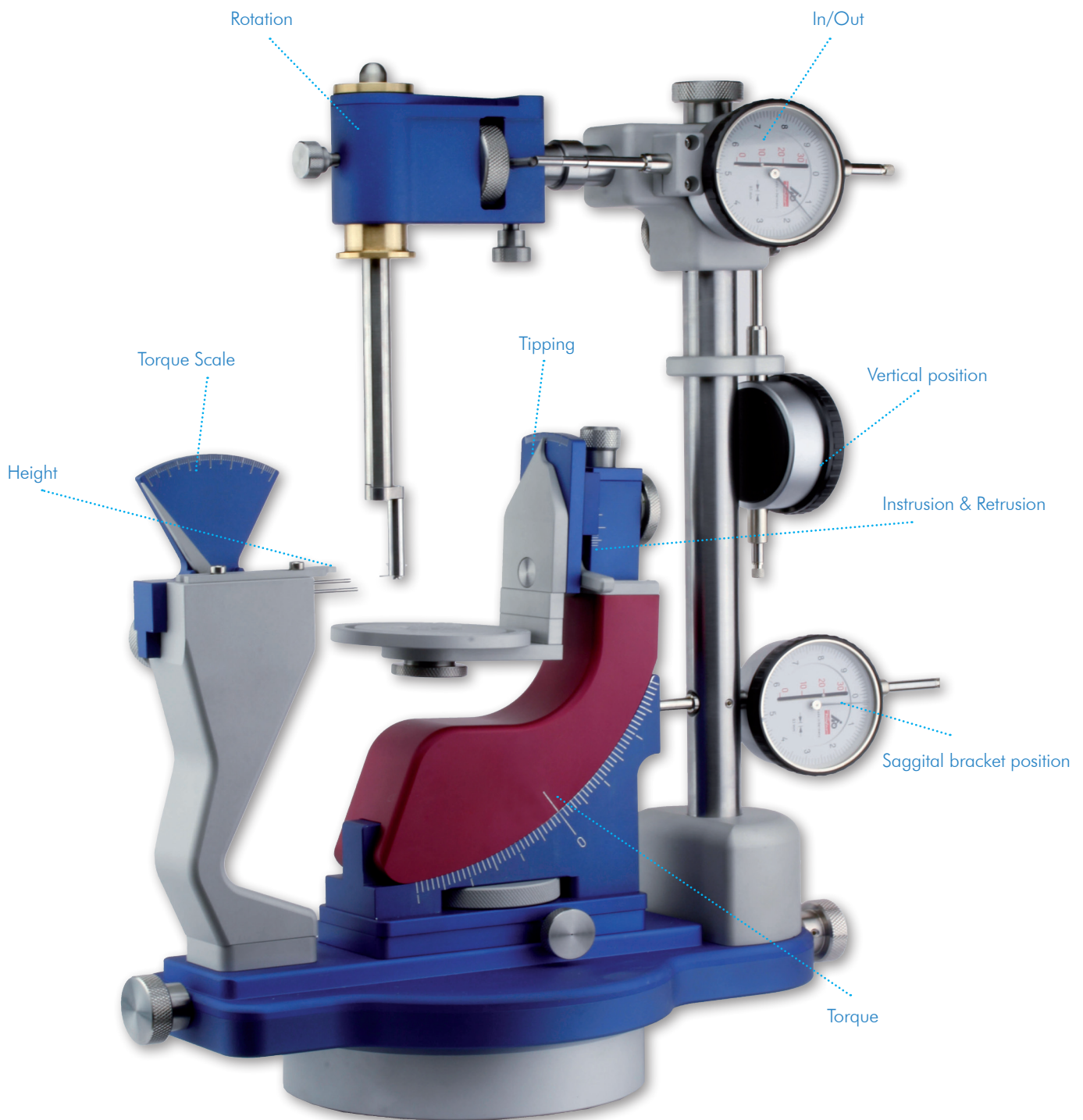


ACCURATE BRACKET POSITIONER

# ABP - Accurate Bracket Positioner

Precise mounting of any type of bracket both buccal and lingual without the need for set-up models.

Fast, precise & easy to use...



ABP - Accurate Bracket Positioner is a precision instrument designed specifically to provide an ultra precise and reproducible bracket position using the indirect bonding technique. Any type of bracket can be used with any type of prescription without the need for set-up models.

Indirect bonding has been used successfully for many years to accurately position lingual or buccal brackets, however we know this to be a long and time consuming procedure, mainly due to the need to prepare an ideal set-up model. The ABP was designed specifically to eliminate the need for this time consuming step, and create a system that offers the full range of dimensional measurements with an easy to operate appliance.

**Vestibular working-time is approx - 30 minutes per arch.**



**Lingual working-time is approx- 45 minutes per arch.**



Key objectives in the development of the ABP

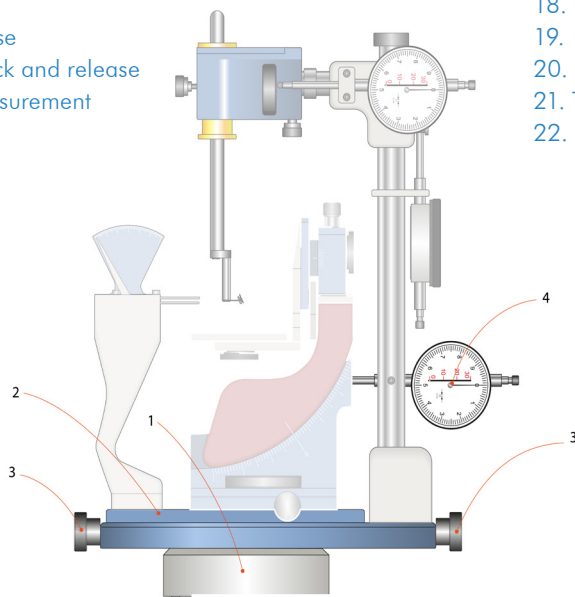
- Highly precise
- Easy to operate
- Capable of using any type of bracket
- Independent measurement of bracket parameters
- Easily reproducible positions
- Easily modify or accurately follow any prescriptions
- Requires no set-up model

The ABP has been furnished with a complete range of measuring tools. Brackets can be positioned with any prescription as each parameter of the bracket (in-out, height, rotation, tilt, mesio-distal and torque) can be adjusted and measured independently. This enables precise completion of indirect bonding cases, and eliminates the need for time-consuming set-up models, reducing working time substantially.

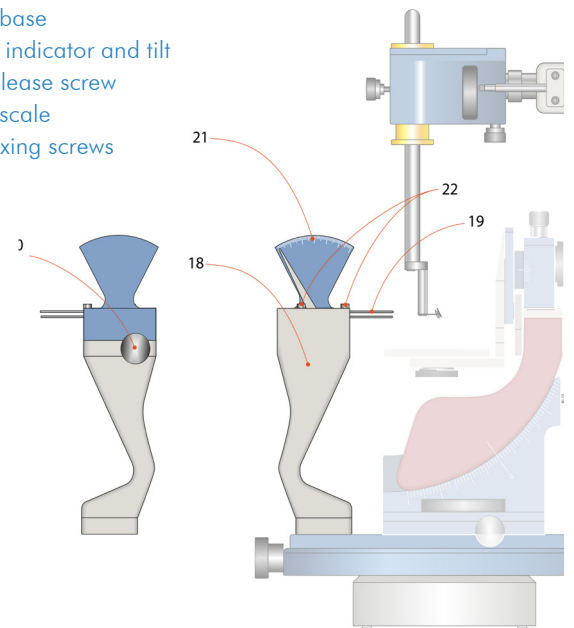
## ABP Overview:

The ABP consists of a rotating base that allows for easy visualization and manipulation of the position of the bracket easily from any angle and three main tower. Each tower is designed to measure and lock crucial measurements precisely and securely.

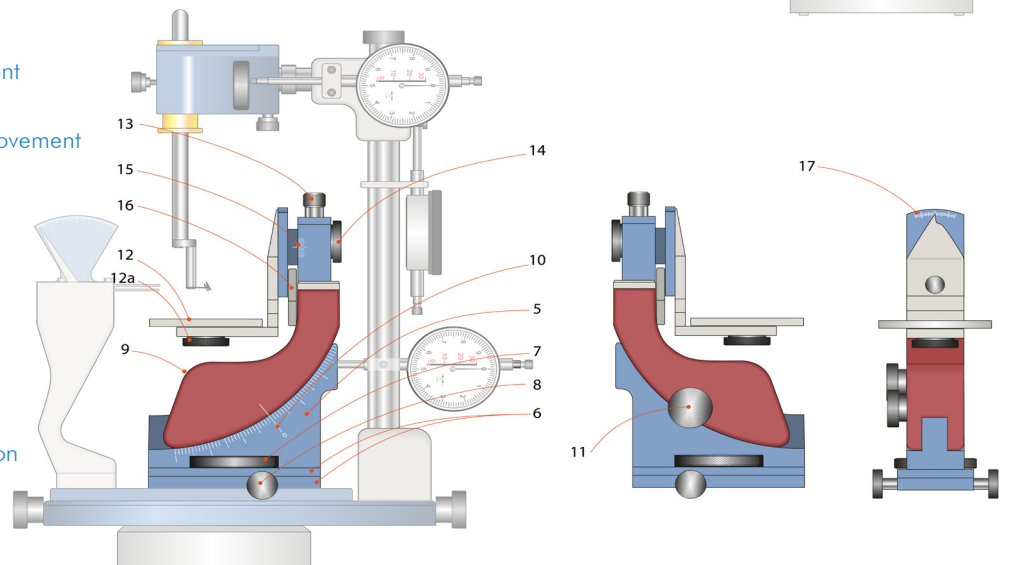
1. Base
2. Rotation base
3. Screws to lock and release
4. Sagittal measurement



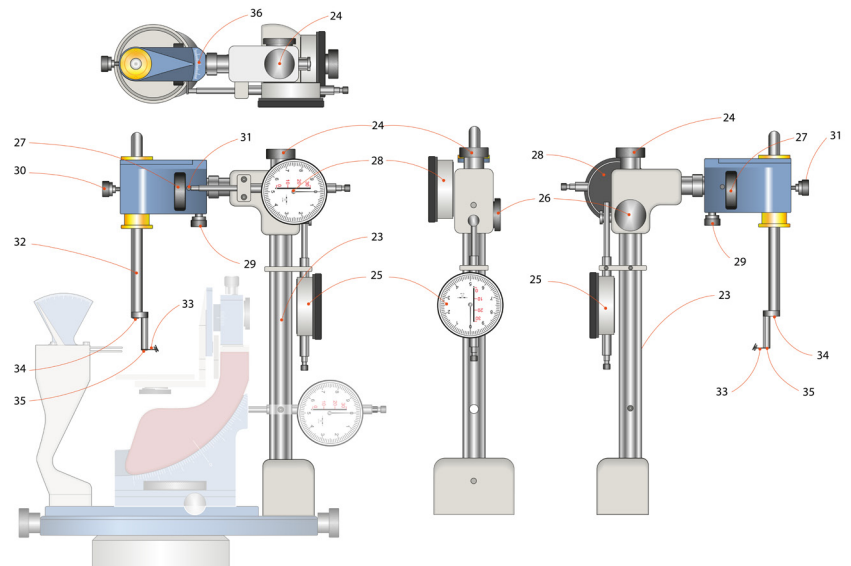
18. Center base
19. Torque indicator and tilt
20. Lock/release screw
21. Torque scale
22. Stylus fixing screws



5. Center tower
6. Measurement of lateral movement
7. Wheel for lateral movement
8. Lock/release screw for lateral movement
9. Tilt adjustment
10. Measurement scale for tilt
11. Lock/release screw for tilt
12. Turntable for model
- 12a Mounting block for turntable
13. Height adjustment screw
14. Lock/release screw for height
15. Measurement scale for height
16. Lever for fixing mesial/distal position
17. Measurement scale for mesial/distal position



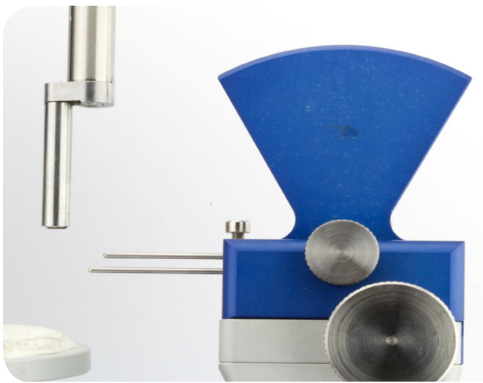
23. Center tower
24. Height adjustment screw
25. Height measurement gauge
26. Lock/release height screw
27. Wheel screw for in/out measurement
28. In/out measurement gauge
29. Lock blot for in/out
30. Bracket arm fixation bolt
31. Fixation bolt for rocking motion of the clip
32. Bracket clamp arm
33. Bracket clamp
34. Lock/release screw to position bracket for either buccal or lingual brackets
35. Screw to secure bracket clamp
36. Scale measurement for bracket rotation



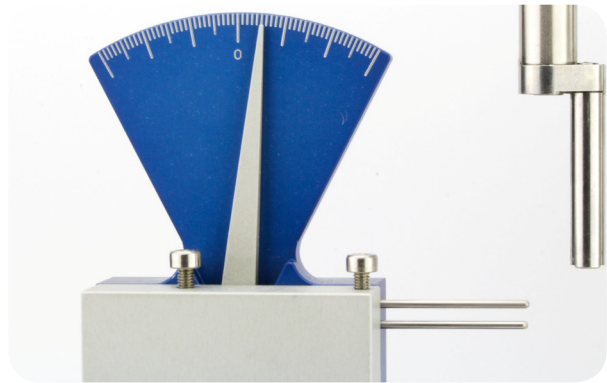


## Snapshot - buccal setup

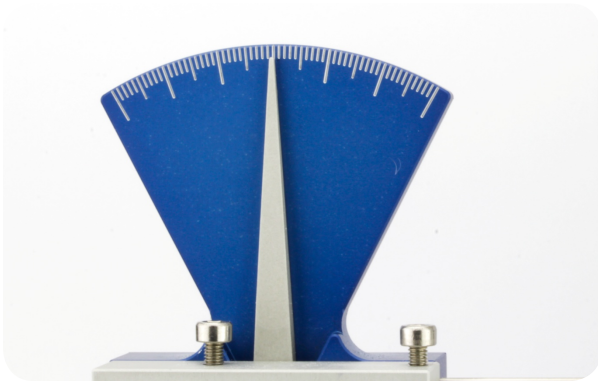
Position and customize lingual and vestibular brackets directly onto the malocclusion model. Easily adjust torque, angulation, in/out, rotation, intrusion, extrusion individually per tooth in precise degree and millimeter steps.



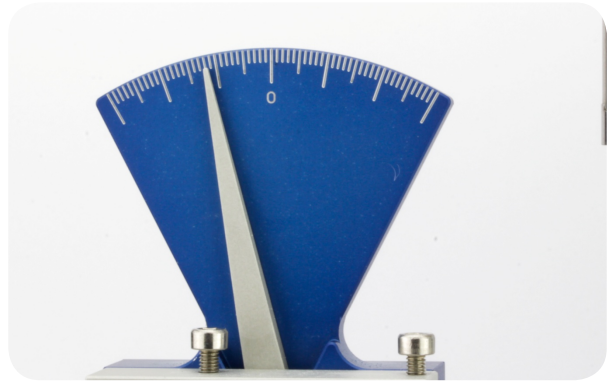
Torque and tip positioner. Torque fixing screw



Torque scale (negative torque)



Torque scale (0°)



Torque scale (positive torque)



01 Draw the facial axes



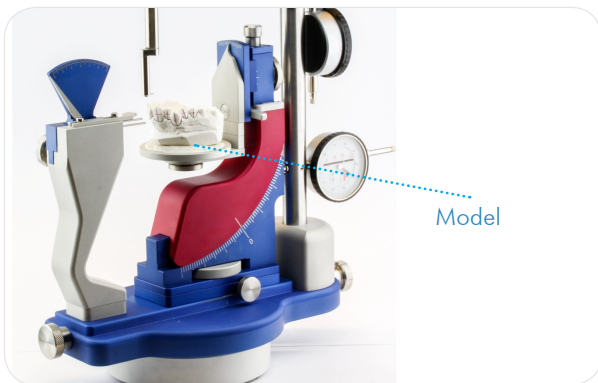
02 Draw FA point



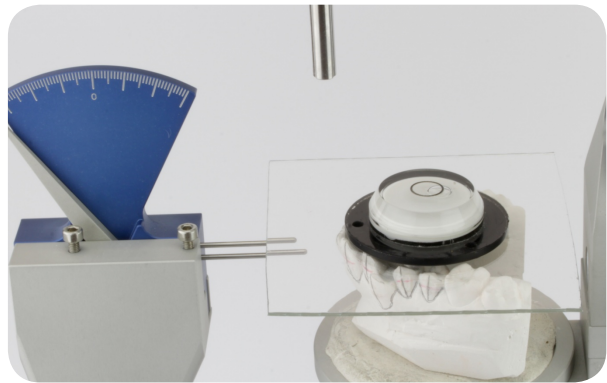
03 Draw gingival margins



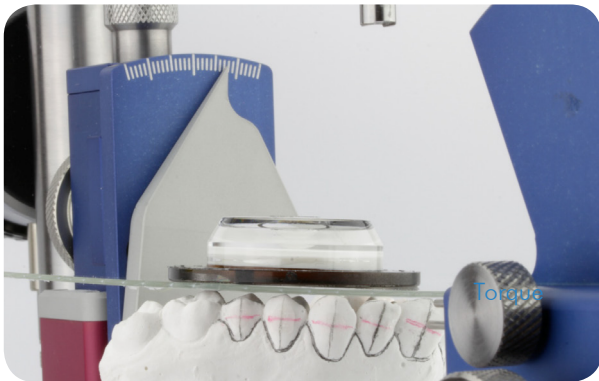
04 Draw rotation axes



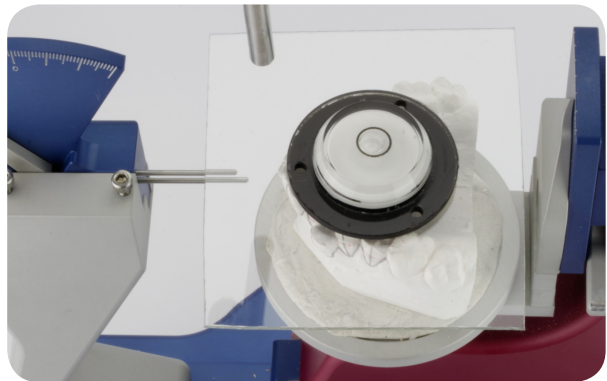
05 Fix model on the ABP



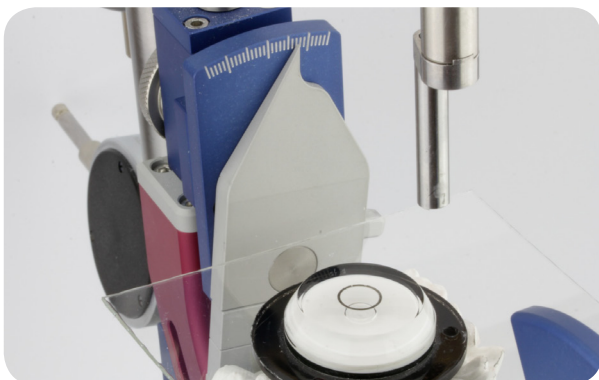
06 Occlusal Plane leveling with transparent plate and level



07 With horizontal occlusal plane, adapt the positioner to the dental axis



08 Occlusal Plane leveling with transparent plate and level with bubble in center



09 Measuring the torque and the tipping



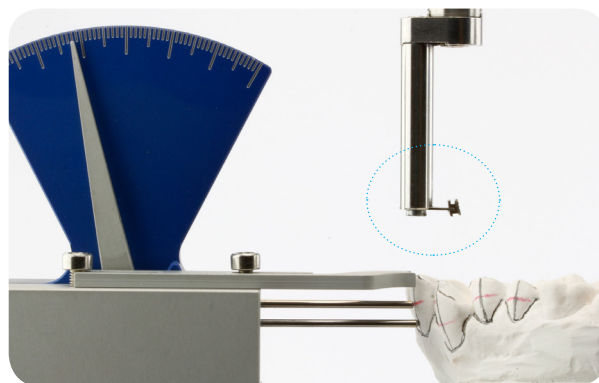
10 Measuring the tipping







11 Adapt the torque and tipping positioner and the height gauge



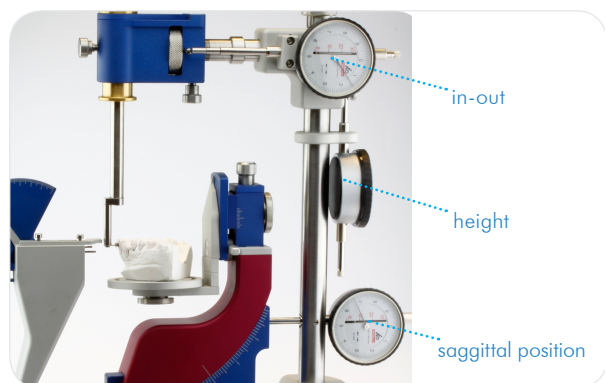
12 Fixing the bracket in the bracket holder



13 Move backward the torque and tip positioner



14 Adapt the bracket to the dental labial surface



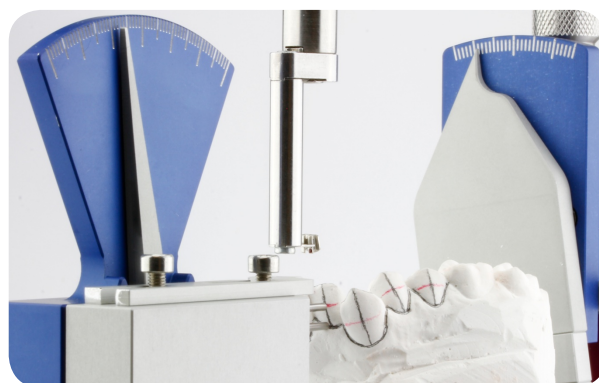
15 Bond the bracket with composite and take note of the height and the in-out



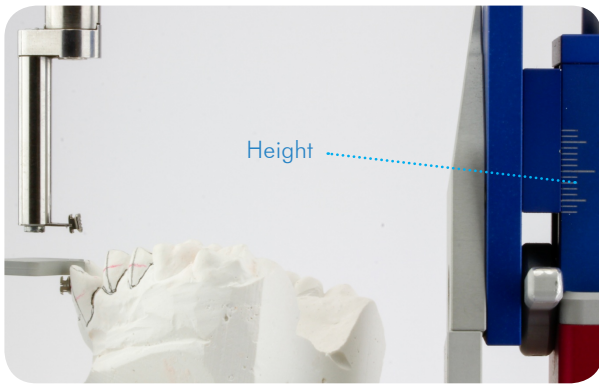
16 Measure sagittal position of the model



17 Position the lateral incisor with correct torque



18 Position the lateral incisor with correct tip



19 Position the lateral incisor with correct height



20 Bond the lateral incisor bracket



21 Measure in-out



22 Repeat step 01-01 until all brackets are bonded

## Snapshot - lingual setup

You can easily transfer your familiar vestibular prescription e.g. ROTH or MBT, directly onto the lingual surface or create your own prescription - the ABP allows full and precise control of treatment without the need to make a ideal set-up model.



01 Draw the facial axes and FA point



02 Draw the rotation axes



03 Fix the torque



04 Fix the torque and the tip

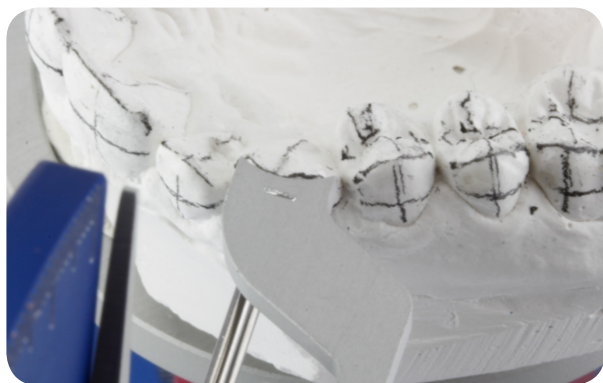


05 Fix the tipping



06 Fix the height





07 Fix the rotation



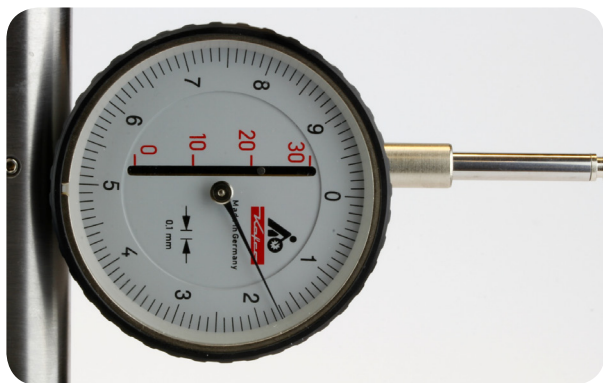
08 Place the bracket in the bracket holder



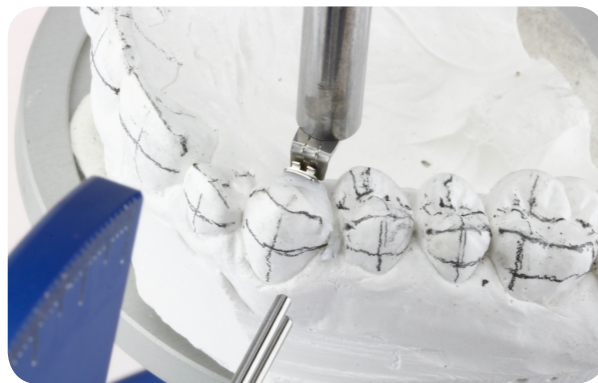
09 Get the bracket as close as possible to the tooth



10 adapt the bracket to the tooth



11 Measure the sagittal position of the model



12 Bond the bracket to the model with composite

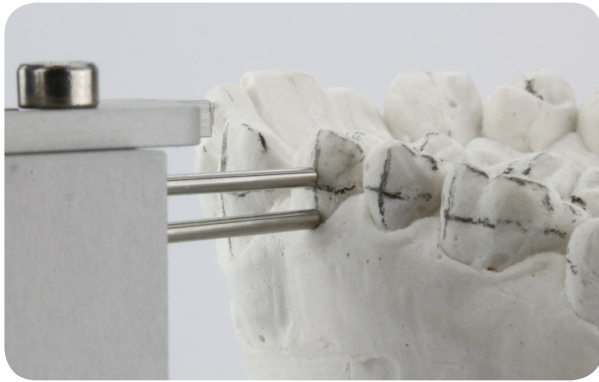


13 Measure the height



14 Cuspid to cuspid brackets should all be bonded at the same height and in-out





15 Position the 1st bicuspid



16 Bond the 1st bicuspid



17 Repeat until all brackets are bonded



18 Create indirect transfer trays



19 Create double silicon transfer tray



20 Bond using silicon tray



21 Or bond tray individually



22 Finish



Head Office  
adenta Germany

Adenta GmbH  
Gutenbergstrasse 9  
D-82205 Gilching  
Germany

T. +49 8105 - 73436 - 0  
F. +49 8105 - 73436 - 22

[info@adenta.com](mailto:info@adenta.com)  
[www.adenta.de](http://www.adenta.de)

Sales Office  
adenta SPAIN

Adenta Spain S.L.  
c/León, 11,  
08911 Badalona  
Barcelona España

T. +34 933 844 705  
F. +34 933 844 153

[info@adentaspain.com](mailto:info@adentaspain.com)  
[www.adentaspain.com](http://www.adentaspain.com)

Sales Office  
adenta USA

Adenta USA Inc  
81 Clover Road  
Ivyland PA 18974  
U.S.A

1-888-942-2070 toll free  
T. +1-215-942-2070

[info@adentausa.com](mailto:info@adentausa.com)  
[www.adentausa.com](http://www.adentausa.com)

