

KaVo PROTAR® evo

Exciting design  
and function.



KaVo. Dental Excellence.

KaVo PROTAR®evo.

# Design and function in a new dimension.



The innovative evolution of articulators, is called KaVo PROTAR®evo, which sets new standards in the market. Our designers have further developed KaVo's typical striking use of shapes and optimised functionality to a high level.

The result is articulators, which by their excellent

design and colouring  
hygiene and value,  
communicate  
almost by themselves.

Be inspired by the extra  
values of the new genera-  
tion KaVo PROTAR®evo :

- perfect precision and cost effectiveness
- perfect presentation of your prosthetic work to the patient
- superior handling

Show the precision.

# Effective direct performance.

## Present high quality.

Alongside perfect precision and first class finishing of the prosthesis, presentation to the patient is becoming more and more important. KaVo has placed this decisive aspect in the centre of the new development.

The matt silver surfaces denote a high level of hygiene in the dental surgery and laboratory. This is underlined by the high quality appearance and elegant use of shapes in the design.

The new generation KaVo PROTAR<sup>®</sup>evo: Present your performance with pride.

## Precision which lowers your costs.

The more exactly the data can be programmed in the articulator, the better the occlusal fit in the patient's mouth.

Occlusal corrections are generally difficult and often time-consuming, especially all with the modern aesthetic porcelain materials.

The new generation KaVo PROTAR<sup>®</sup>evo offers better adjustment possibilities, due to the refined adjustment scale, thereby increasing precision and helping to reduce costs.



The elegant design of the KaVo PROTAR<sup>®</sup>evo presents the finished prosthesis at the highest level.



Optimum setting of the patient's data by use of the fine dimension adjustment scale.



Working together with the electronic measuring system KaVo ARCUS<sup>®</sup>digma, the KaVo articulator PROTAR<sup>®</sup>evo offers unbeatable efficiency and precision.



Experience precision in the smallest detail. Rigid centric lock of Inox steel for perfect static occlusion.



Work convincingly.

# Handling and maintenance made easy.

The new generation KaVo PROTAR®evo also offers the dental technician a much-improved, indeed perfect handling in his daily work. After intensive discussions with dental technicians and dentists all over the world, the decisive evolution criteria for handling and maintenance were determined: low weight, smooth surfaces and easy adjustment without the use of tools.

**KaVo PROTAR®evo:**  
Convince yourself of its lightness in your dental surgery or laboratory.



### Light weight

Due to the new design and effective use of materials, it was possible to reduce the weight by up to 25%, depending on model. As a result, the handling is greatly simplified.

Prosthetic work: Practice, Dr. Kaiser-Wetzel – Laboratory, Thiel



### Design

The design of the PROTAR®evo, with a variety of working positions, makes it particularly suitable for the setting up of full dentures.



### Easy maintenance

Smooth surfaces with distinctly less edges and corners enable first class removal of, for example plaster, and greatly simplify the problems of maintenance.



### Facebow ARCUS®

The position of the upper jaw can be directly transferred to the articulator by use of the ARCUS® facebow

### KaVo Split-Cast and 3PS

The KaVo PROTAR®evo Line is available with the world-wide proven, patented PROTAR® Split-Cast-System as well as the new, patent pending Three Point Split, 3PS System. The new style Inox mounting plates for the plaster models are fixed magnetically in the articulator, and can be re-used as often as required.



### Proved world wide

The precise KaVo Split Cast is a prerequisite so that the model with the prosthetic work can be sent without the articulator. Your valuable piece of equipment remains in your hands.



### 3PS

New style mounting plates, made of metal with magnetic attachment. Expandable for coordination in the laboratory.

Facebows and measuring systems, current status.

# More efficiency with KaVo ARCUS<sup>®</sup>digma.



## ARCUS<sup>®</sup>

In 3 minutes to the upper jaw model position.

The KaVo facebow ARCUS<sup>®</sup> effectively records the position of the upper jaw in relation to the arbitrary or individual hinge axis, in less than 3 minutes. This prevents errors in occlusion, primarily those caused by the raising or lowering of the bite.

Articulation can therefore be carried out directly in the surgery, error-free and without further aids.

## ARCUS<sup>®</sup>digma

Complete analysis of the movements in 5 minutes.

The electronic measuring system KaVo ARCUS<sup>®</sup>digma sets new standards in the dental practice. In less than 5 minutes, this ultrasonic measuring system records, without contact, all the setting values for the fully adjustable articulator PROTAR<sup>®</sup>evo 7.

Settings:

- Integrated facebow function
- Condylar path inclination
- Bennett angle
- Side shift (play in the TMJ)
- Shift angle (movement on the working side)
- Retrusion
- Anterior/canine guidance

Selection of useful accessories for universal applications of the PROTAR<sup>®</sup>evo



Support pin P (with 5/100 setting)



Support pin T (for full dentures)



Upper jaw model positioner for APFnt



Occlusion inclination pointer, for full dentures APFnt



Fully adjustable incisal plate for anterior/canine reconstruction



Intraoral Support pin registration



KaVo LOGIcase, the ideal transport solution between the laboratory and the surgery.

KaVo PROTAR®evo.

# Superiority over the complete range.

KaVo PROTAR®evo the top of the line. You sense the quality in every detail. From the simple, basic model PROTAR®evo 2 up to the top model PROTAR®evo 9 for splint therapy.

Whichever model you choose for your laboratory or practice, you will always make the right decision for quality and cost-effective-

ness combined with a functional, winning design.

KaVo can supply every user with the right articulator at the right time. All PROTAR®evo articulators work with the same lower section. There is a suitable upper section appropriate to the area of application.

The axis-centred KaVo Split allows for the exchange of the articulator upper sections.

KaVo PROTAR®evo provides the highest flexibility for the daily operations, and is, therefore, cost-effective.

		Basic		Intermediate		Premium	
							
		PROTAR®evo 2	PROTAR®evo 3	PROTAR®evo 5	PROTAR®evo 5B	PROTAR®evo 7	PROTAR®evo 9
<b>Saggital Condylar path</b> 		fixed 30° to CE 45° to FH	fixed 30° to CE 45° to FH	fixed -10° up to 90° (FH) -25° up to 75° (CE)	fixed -10° up to 90° (FH) -25° up to 75° (CE)	fixed -10° up to 90° (FH) -25° up to 75° (CE)	fixed -10° up to 90° (FH) -25° up to 75° (CE)
<b>Horizontal Condylar path (Bennett)</b> 		fixed 15°	fixed 15°	fixed 15°	adjustable 0 - 30°	adjustable 0 - 30°	adjustable 0 - 30°
<b>Horizontal Condylar path (Iss)</b> 		0 mm	0 mm	0 mm	0 mm	0 - 1,5 mm	0 - 1,5 mm
<b>Horizontal Condylar path Shift angle</b> 		0°	0°	0°	0°	Optional * - 20° bis + 20°	0°
<b>Protrusion</b>		-	-	-	-	adjustable 0 - 1,5 mm	adjustable 0 - 6 mm
<b>Retrusion</b>		-	-	-	-	0 - 1 mm	0 - 1 mm
<b>Distraction</b>		-	-	-	-	0 - 1,5 mm	0 - 6 mm
<b>Occlusal Corrections</b>		High	High	Medium	Minimum	Minimum	Minimum

\* with accessorie 622.1111

KaVo PROTAR®evo.

# Performance, that noticeably creates extra value.

KaVo PROTAR®evo offers convincing advantages with regard to quality and cost-effectiveness. Utilise the extra values contained in every articulator of the new generation KaVoROTAR®evo. For more success in the dental practice and laboratory.



## Presentation

- A presentation of the technical work in the articulator is essential for your success.
- Whether the discussion regarding the prosthesis takes place between the dental technician and the dentist, or between dentist and patient, the surroundings are always in the field of vision.
- The clinical appearance of the PROTAR®evo leaves no doubt about the hygienic surroundings in the surgery or laboratory.

## Precision

- The success of a dental prosthesis is strongly connected with its precision. The fit on the tooth preparation and the construction of the occlusal surfaces have a large bearing on its life span.
- Precision of the occlusal surface is dependent on the precision of the articulators, in the hands of an experienced dental technician.

## Handling

- Surfaces and shapes to get hold of. The new PROTAR®evo.
- The unique design follows the laws of ergonomics.
- For each stage in the process there is a defined position for the articulator. The optimum view is unique, also from the dorsal aspect.
- The secure fixing of the articulator upper section also prevents unintentional separation of the articulator even if the centric locks are open.
- The movements of the articulator are exactly guided by spring elements.

**KaVo PROTAR®evo.**  
The new form  
of excellence.

# KaVo PROTAR® evo



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