



HANDY verticulator

The essential tool for the dental laboratory

Ref. 130100



What is the **HANDY** verticulator?

Ref. 130100

It is a powerful new generation tool whose application spectrum fits in a multitude of jobs within the field of dental prosthetics, both for making and designing:

- ✓ Overimplants.
- ✓ Hybrids.
- ✓ Prótesis fija.
- ✓ Fixed prostheses.
- ✓ Removable.
- ✓ Load of composites or ceramics.
- ✓ Relines.
- ✓ Repairs.
- ✓ Temporary prostheses, etc...

Novel and easy to use, universal, methodical and efficient could be some adjectives that describe this device and the results that can be obtained with it.



ADVANTAGES

Until now, the fabrication of prostheses required a significant component of skill, experience, and knowledge from the technician performing them. The incorporation of an articulator system systematizes the work, allowing for the creation of simpler and more predictable procedures:

- 1. Professional results in auxiliary processes.**
- 2. It improves the predictability of the work.**
- 3. They reduce the learning curve.**
- 4. It saves time and materials.**
- 5. It minimizes the risk of errors.**



What elements make up the system?

			
<p>FLASK/PLINTH</p> <p>Ref. 130100-05</p> <p>This is the cornerstone of the system. The rest will be mounted on this element to create the different versions. It is made of high-resistance aluminium.</p>	<p>REMOVABLE PLATES</p> <p>Ref. 130100-15 Black 2A Ref. 130100-32 Black 2C Ref. 130100-19 Transparent violet 2B</p> <p>Three different models are available. An economical model for transport 2B</p>	<p>MAGNETS AND COUNTER-MAGNETS</p> <p>Ref. 130100-08</p> <p>The magnets allow the cast to be fixed on the removable plate. The counter-magnets are used to mount the plate on the articulator.</p>	<p>POSTS or COLUMNS</p> <p>Ref. 130100-11 Small Ref. 130100-02 Large</p> <p>They allow the flask/plinth and the counter-muffle to be closed, forming a rigid and stable structure. Using the separating rings of the posts, it is possible to regulate the final height of the assembly.</p>
			
<p>SEPARATORS</p> <p>Ref.130100-06</p> <p>Allows the counter-flask height to be adjusted in a very wide range.</p>	<p>LOCKING NUTS</p> <p>Ref. 130100-07</p>	<p>EXTRACTION SYSTEM</p> <p>Ref. 130100-03</p> <p>Used to cleanly extract the model and the base during the work process. The system has two different extractor models</p>	<p>FILLING SPHERES</p> <p>Ref. 130100-09</p> <p>Used to mix with the transparent silicone and thus generate a much more rigid and efficient material than silicone alone.</p>
			
<p>TRANSPARENT COUNTER-FLASK</p> <p>Ref. 130100-25 Small Ref. 130100-01 Medium</p> <p>The work can be viewed for correct design. In addition, it is possible to polymerize materials through it, because it allows the passage of light. There are two different heights to optimize material consumption.</p>	<p>BLACK REINFORCED PLASTIC COUNTER-FLASK</p> <p>Ref. 130100-29 Small Ref. 130100-20 Large</p> <p>This is a lid especially recommended for work done with resins. There are two different heights, the large one for gelatin and the small one for silicone.</p>	<p>HIGH STRENGTH ALUMINIUM COUNTER-FLASK</p> <p>Ref.130100-10</p> <p>Especially indicated for work that requires significant pressing forces. In addition, with this lid a special fixing flange can be used to maintain the pressure of the assembly after releasing it from the press.</p>	
			
<p>PRESSURE LOCK</p> <p>Ref.130100-12</p> <p>Made of stainless steel: this lock maintains the pressure on the flask after it has been pressed.</p>	<p>PRESSURE PLATE</p> <p>Ref.130100-14</p> <p>For hydraulic pressing of the verticulator.</p>	<p>BASE FOR INDIVIDUALIZER</p> <p>Ref.130100-17</p>	
			
<p>SPLIT-CAST ADAPTER for articulator</p> <p>Ref.130100-34</p>	<p>HEXAGONAL METAL EXTRACTOR</p> <p>Ref.130100-31</p>	<p>PLUGS (4 units)</p> <p>Ref.130100-13</p>	

WHAT TYPES OF VERTICULATOR CAN BE FORMED?

BASIC

Ref. 130100

There is a configuration, which we could call minimal or basic, which is recommended for those users who want to start with the system. Using this combination it is possible to carry out the vast majority of jobs.



DESCRIPTION	Reference
ELEVATING RINGS (12 units)	130100-06
COUNTER MAGNETS (10 piezas)	130100-08
STAINLESS STEEL COLUMNS. Verti cm. 9 v. 3 pz.	130100-02
PLASTER EXTRACTOR SYSTEM	130100-03
ALUMINUM BASE	130100-05
PLATE FOR REMOVABLES OR IMPLANTS	130100-32
LOCKING NUTS (3 units)	130100-07
FILLING SPHERES (100 units)	130100-09
POLYCARBONATE COUNTER-MUFFLE SMALL TRANSPARENT	130100-25

STRONG

Ref. 130102

PRESSING TECHNIQUE. Suitable for:

- ✓ Conventional removable and removable on implants (overdentures).
- ✓ Fixed on hybrid implants.
- ✓ Conventional or implant-supported provisional prostheses.

DESCRIPTION	Reference
COUNTER MAGNETS (10 piezas)	130100-08
PLASTER EXTRACTOR SYSTEM	130100-03
ALUMINUM BASE	130100-05
PLATE FOR REMOVABLES OR IMPLANTS	130100-32
STAINLESS STEEL PRESSURE LOCK	130100-12
STAINLESS STEEL COLUMNS 7 cm. (3 units)	130100-11
ALUMINUM COUNTERMUFFLE	130100-10
PRESSURE PLATE	130100-14
PLUGS (4 units)	130100-13



JELLY

Ref. 130104

GELATIN TECHNIQUE. Indicated for:

- ✓ Use of the gelatin technique for pouring polymerization of acrylics.
- ✓ Conventional removable prosthesis or implants.
- ✓ Conventional provisional or implants.
- ✓ Hybrid.

DESCRIPTION	Reference
COUNTER MAGNETS (10 piezas)	130100-08
PLASTER EXTRACTOR SYSTEM	130100-03
ALUMINUM BASE	130100-05
PLATE FOR REMOVABLES OR IMPLANTS	130100-32
STAINLESS STEEL PRESSURE LOCK	130100-12
STAINLESS STEEL COLUMNS 7 cm. (3 units)	130100-11
FIBERGLASS COUNTERFLASK LARGE BLACK	130100-20
PLUGS (4 units)	130100-13



SIL

Ref. 130106

SILICONE TECHNIQUE. Indicated for:

- ✓ Use of the silicone technique for pouring polymerization of acrylics.
- ✓ Conventional removable prosthesis or implants.
- ✓ Conventional provisional prosthesis or implants.
- ✓ Hybrid prosthesis.



DESCRIPTION	Reference
ELEVATING RINGS (12 units)	130100-06
COUNTER MAGNETS (10 piezas)	130100-08
STAINLESS STEEL COLUMNS Verti cm. 9 v. 3 pz.	130100-02
PLASTER EXTRACTOR SYSTEM	130100-03
ALUMINUM BASE	130100-05
PLATE FOR REMOVABLES OR IMPLANTS	130100-32
LOCKING NUTS (3 units)	130100-07
FIBERGLASS COUNTERFLASK - SMALL BLACK	130100-29

COMPOS

Ref. 130108

COMPOSITE TECHNIQUE (Fixed). Indicated for:

- ✓ Use of the silicone technique for light polymerization in the case of composites, by backfilling and pressure or injection of fluid composites and ceramic-filled and their condensation.
- ✓ Conventional fixed prostheses or implants.
- ✓ Hybrids and monolithic overdentures.



DESCRIPTION	Reference
ELEVATING RINGS (12 units)	130100-06
COUNTER MAGNETS (10 piezas)	130100-08
STAINLESS STEEL COLUMNS. Verti cm. 9 v. 3 pz.	130100-02
PLASTER EXTRACTOR SYSTEM	130100-03
ALUMINUM BASE	130100-05
LOCKING NUTS (3 units)	130100-07
FILLING SPHERES (100 units)	130100-09
PLATFORM BASE FOR REMOVABLE PLASTER	130100-17
PLATFORM EXTRACTOR FOR REMOVABLE PLASTER	130100-31
PLATFORM FOR REMOVABLE PLASTER	130100-15
FIXED PLATE FOR WORK PRESENTATION	130100-19
POLYCARBONATE COUNTER-MUFFLE - MEDIUM TRANSPARENT	130100-01

How to work with a verticator

The technique of working with a verticator can be divided into two phases:

CASTING / PREVIOUS PREPARATION

In this phase, the flask/base and the removable plates are used, which allow transport to any articulator. Depending on the nature of the work, the technician must choose between two different options:

✓ For the production of conventional fixed prostheses and implants: The removable plate, characterized by having pins for removable stumps, must be used. The system has a plate model that only has friction retention; and another model that has the possibility of mounting a magnet.

✓ For the production of conventional removable prostheses or with implants: The removable plate, characterized by having a minimum thickness, must be used, which allows even large models to be cast. In the two previous cases, the removable plates are transportable to the articulator by means of a magnetic system. It should also be noted that, in order to save costs, we have a very economical plate that is only valid for sending the finished work to the clinic. This plate is compatible with all the jobs that can be done with the system.

EXECUTION OF THE WORK AND FINISHING OPERATIONS

This phase is carried out following conventional techniques depending on the type of work. Both the tools (brushes, drills, etc.) and the consumables (silicones, plasters, resins, etc.) that we are going to use are of a conventional type.

PHOTOGRAPHIC SUMMARY

Below and as a summary, a series of sequenced images are presented that visually indicate how to work with the verticator in three different jobs:

PRESSING TECHNIQUE



GELATIN TECHNIQUE



SILICONE TECHNIQUE



COMPLETE SILICONE
MUFFLE SET



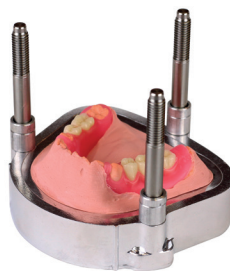
MUFFLE WITH ELEVATORS



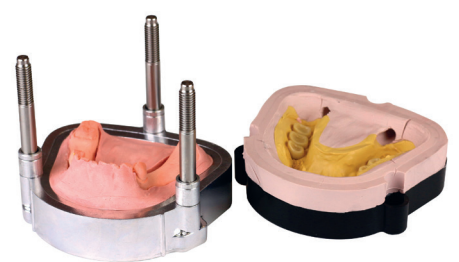
ELEVATORS



DISASSEMBLED



PROTHESIS TO BE MADE



MUFFLE PREPARED
for MADE or DESIGN

MAKING A FIXED PROSTHESIS



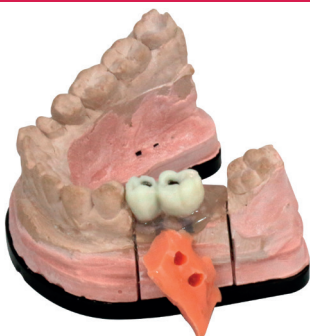
REMOVABLE PREPARATION



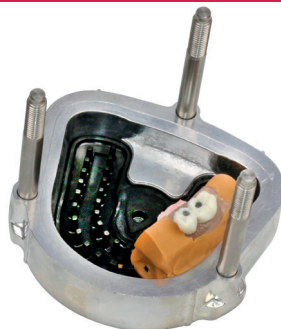
MASTER MODEL



WAX-UP



CHANGE OF GUM



BASE PREPARATION



COUNTER PREPARATION



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We have maintained a line of constant expansion since our foundation in 1945, thanks to our best qualities: the high quality of our products that have earned the ISO 9001:2015 certification by TÜV Rheinland, a close and attentive relationship with our customers, and a constant technical innovation in the design of our products.

Our design philosophy is based on three fundamental pillars: the needs of our clients, the observation of the techniques used in dental laboratories and our more than 77 years of experience providing creative and contemporary solutions to the daily problems of professionals in the sector.

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a virtual visit to our training
and exhibition center?**

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we'll show you!**



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