

Vortex



dental machine
DENTAL CAD-CAM SPECIALIST

by



TECNO-GAZ
industries

At the center of your digital project.

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UP TO
+/- 30°
AXLE TILT

AUTOMATIC TOOL
CHANGER
24
POSITIONS

SPINDLE
500W
UP TO 100,000 RPM

C-CLAMP
AND MILLING
90°

15.6"
TOUCH MONITOR

Quality, precision, reliability

Vortex is a 5-axis milling machine designed specifically for the dental sector, made with the quality and precision that have always distinguished Made in Italy. Each component is carefully selected to ensure maximum durability and resistance over time while the assembly is carried out following strict quality standards. In addition, Vortex is designed to be user-friendly, with an intuitive interface that makes it easy for the dental technician to use.

90° milling thanks to the innovative C-Clamp system

The possibility of 90° milling and the use of a C-Clamp add to the machine's operational flexibility, allowing it to be adapted to a wide range of projects. With 5 continuous axes, it offers freedom of movement that allows you to create more complex shapes with precision. In summary, it looks like a complete and state-of-the-art milling machine to meet the needs of professionals in the sector.

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Evolve in Vector, exceeds every limit.

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A distinctive feature of the Vortex is its ability to be upgrade to a higher model called VECTOR. This upgrade offers the possibility of improving the performance and functionality of the machine, allowing users to mill implant structures from solid on Cobalt Chrome and Titanium to adapt to the new needs of the laboratory without having to purchase a completely new milling machine.



Vortex

Dimensions (WxHxD) 60,2 x 85 x 88 cm

Tool change Automatic

Number of tools on board 24

High frequency spindle 500 W - 60.000 rpm

Rotation angle Axes A= up to $\pm 30^\circ$ C=360°

Disk \varnothing = 98,5 mm with edge

Tool diameter (shank) 3 mm

Tool length 37 - 50 mm

Tool breakage check Automatic

90° milling Yes

C-Clamp Yes



- Recommended/ideal
- Not recommended



Materialien

	Vortex	Vector
Zirconia	●	●
PMMA	●	●
PMMA composite	●	●
PEEK	●	●
PU	●	●
Wax	●	●
Glass fiber	●	●
Cr-Co, Pre-Sintered	●	●
Disilicates	●	●
Glass-ceramic	●	●
Aluminium	●	●
Titanium gr2	●	●
Titanium gr5 disk	●	●
Alloys Cr-Co disk	●	●
Titanium Premilled	●	●
Cr-Co Premilled	●	●

