

Vector

Accuracy and versatility



Precision	●●●●●●
Repeatability	●●●●●●
Machinable materials	●●●●●●
Production volumes	●●●●○



5-axis movements

Linear movements on 3 Cartesian axes with rectified ball-recirculation screws driven by brushless motors with absolute encoders for continuous position control while the 2 rotary axes use the same motors with epicyclic gearboxes.

Built-in camera

Allows you to view in real time the operations inside the milling chamber.

Axis inclination up to $\pm 30^\circ$

Thanks to the axes inclination up to $\pm 30^\circ$, Vector is able to complete highly complex machining operations with high undercuts.

PMMA
POLYMETHYL-
METHACRYLATE

ZrO₂
ZIRCONIA

VCer
FIBREGLASS

PEEK
POLIETERETER
CETONA

Comp
COMPOSITES

CInSL
ALL-CERAMICS
AND LITHIUM SILICATES

Clbr
HYBRID
CERAMICS

Pre
TITANIUM AND CHROME-
COBALT PREMILLED

Ti
TITANIUM

Cr-Co
CHROME-COBALT



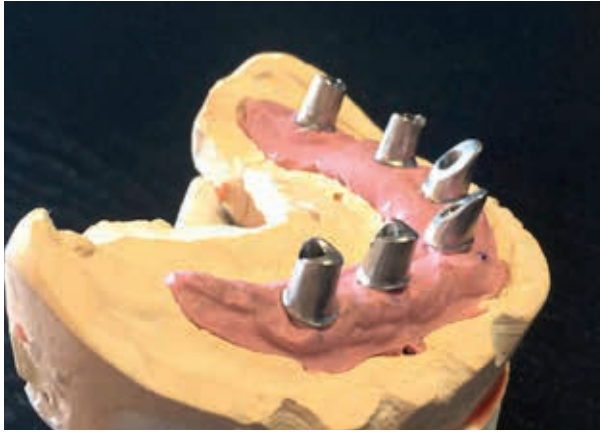
18 × 6mm shank tools

18 Automatic exchange tools with measurement and verification technology using a very high precision sensor.

High frequency electrospindle 3.2 KW 60.000 rpm

Thanks to the 3.2 KW electrospindle, [C5 Plus - Vector - C6] it is possible to process any kind of "hard" material on any type of machining. It is possible to autonomously mill threaded prostheses, abutments, bars, etc... with excellent quality and timing.

Machining and workable materials



Workable materials

It can mill all soft materials such as wax, PMMA, pre-sintered chromium cobalt, PEEK, up to the hardest materials such as glass ceramics, composites, chrome-cobalt and titanium. With Vector, laboratories can count on a high-performance milling machine especially on Cr-Co and Titanium!



Types of machining

- Bridges and Crowns
- Inlays
- Bars and implant bridges
- Customized abutments only with bracketing
- Premilled
- Bar & Implant Bridge: Rotational Connections*
- Abutment: Anti-rotational Connections*



Any material

Our target and effort is to implement day after day all the materials available in the market.



Any format

We guarantee compatibility with the most popular CAD software (Exocad - 3Shape - DentalWings).



No constraints

No annual update required.
Recommended updates on Millbox and exocad.