SAME-DAY DENTISTRY. UNPARALLELED PERFECTION.











"THE Z4 GIVES ME THE ACCURACY AND FLEXIBILITY IN MATERIALS I NEED."

Alan Jurim, DDS Director for Digital Dentistry at Touro Dental College, New York

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TOMORROW'S LEADING TECHNOLOGY. AVAILABLE TODAY.

The Z4: More than state of the art. Groundbreaking.

The digital workflow makes it happen: you and your patients can benefit from more pleasant treatments with first-class restorations in just one session. The Z4 is an investment that will pay off for you: high-quality



Toolless block clamping in just two seconds. It couldn't be easier. Perfect results. Mill and grind reliably with the Z4 in Ultra-HD.

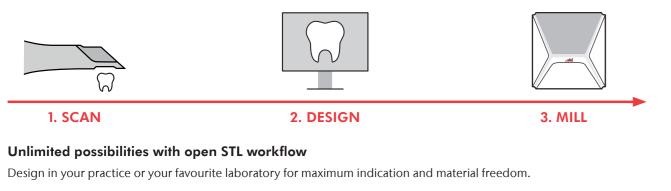
restorations with maximum independence. The number of machinable block materials constantly increases as well as the number of scanners and CAD software packages that are validated with the Z4.



EITHER WAY: THE Z4 FITS PERFECTLY INTO YOUR DIGITAL WORKFLOW.

Integrated workflow with 3Shape, exocad & Dental Wings

One user interface and everything in your practice: scanning, designing, milling.





Washington

University of Study confirms: Z4 drills screw-access channels in highest quality

A scientific study at the University of Washington proved that using the Z4, users can drill screw-access channels for hybrid implant restorations into ceramic blocks with no significant difference in flexural strength compared to factory-fabricated materials, known as "meso" blocks. These blocks are significantly more expensive, and the laboratory design method requires a more sophisticated CAD process. Thus, processing standard blocks with the Z4 means less cost for material and less material inventory necessary.

Jack M. Keesler, DDS, MSD. Effect of milling screw-access channels on flexural strength of CAD/CAM ceramic materials. MSD Master's Thesis, University of Washington, 2019.

CONVINCING ARGUMENTS GALORE!



Highest precision

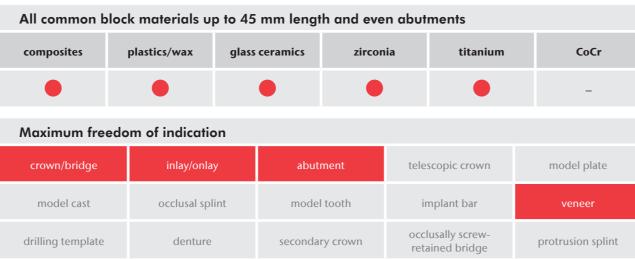
- Milling and grinding in Ultra-HD
- Proven industrial quality
- 3 microns repetition accuracy



Fastest production

- Restorations in under 10 minutes
- 2-second block insertion
- 100,000 RPM electrical high frequency spindle

MATERIAL, MANUFACTURER, INDICATION. ENJOY THE FREEDOM OF CHOICE.



crown/bridge	inlay/onlay	abutme
model cast	occlusal splint	model to
drilling template	denture	secondary



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n)

Extremely economical

• Clear water – no additives

Mill screw-access channels,

to save costs for meso blocks

• Self-opening working chamber

• Automatic changer for 6 tools

• Easy to learn, easy to operate

* Material and indication availability may vary by

CAD provider. Full range of indications and mater

door and drawer

• 24 months warranty

als available in STL workflow.

CAM software included

Tool starter set included

necessary

Exemplary representation of a selection of materials. New materials are being added continuously.

AA BY

• 38 block materials from 20 manu-

facturers

pressor needed

Complete independence

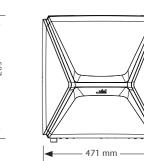
- 800+ prefab titanium abutment blanks from 11 manufacturers
- Validated with all established scanners and design software • Fully integrated workflow with
- TRIOS Design Studio (3Shape), DWOS chairside (Dental Wings) and exocad ChairsideCAD*
- Integrated PC with touch screen and Wi-Fi – no laptop necessary
- Built-in compressed air no com-

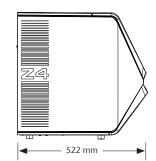
A MATTER OF FACTS. TECHNICAL DATA.



5 blanks for the production of test and calibration bodies - cleaning set - spare wiper for inspection window - filter service set printed operating instructions · carrying aid for the transport of the machine · tools for user-replaceable wear parts

4 Axes 1 Block 6 Tools







The Z4 works with clear water. No additives needed - better for your materials and without annoying disposal.



CREATING PERFECTION.

For more than 30 years.

As CAM solution provider, vhf carefully develops and produces every single milling machine and the perfectly matching tools and CAM software. Everything from one source, Made in Germany.

Support. A topic close to our hearts.

The service of your machine is important to us: We train our sales partners according to the highest requirements – so you receive first-class support for your Z4.

as of: 01/2020

DESIGN | SCANNING | 3D PRINTING | MILLING | MATERIALS | POST-PROCESSING



Toronto, ON Montreal, QC Atlanta, GA **1-888-887-7686**

Digital Solutions for Dentistry



