

**SAME-DAY DENTISTRY.
UNPARALLELED PERFECTION.**



 **SILADENT**

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

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.



Toolless block clamping in just two seconds. It couldn't be easier.

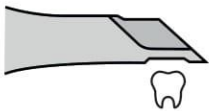


Perfect results. Mill and grind reliably with the Z4 in Ultra-HD.

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.



1. SCAN



2. DESIGN



3. MILL

Unlimited possibilities with open STL workflow

Design in your practice or your favourite laboratory for maximum indication and material freedom.



1. STL



2. NEST



3. MILL

University of Washington



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



Complete independence

- 38 block materials from 20 manufacturers
- 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 compressor needed



Extremely economical

- Clear water – no additives necessary
- Mill screw-access channels, to save costs for meso blocks
- Automatic changer for 6 tools
- Self-opening working chamber door and drawer
- Easy to learn, easy to operate
- CAM software included
- Tool starter set included

* Material and indication availability may vary by CAD provider. Full range of indications and materials available in STL workflow.

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

All common block materials up to 45 mm length and even abutments

composites	plastics/wax	glass ceramics	zirconia	titanium	CoCr
●	●	●	●	●	—

Maximum freedom of indication

crown/bridge	inlay/onlay	abutment	telescopic crown	model plate
model cast	occlusal splint	model tooth	implant bar	veneer
drilling template	denture	secondary crown	occlusally screw-retained bridge	protrusion splint



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

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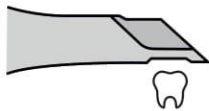


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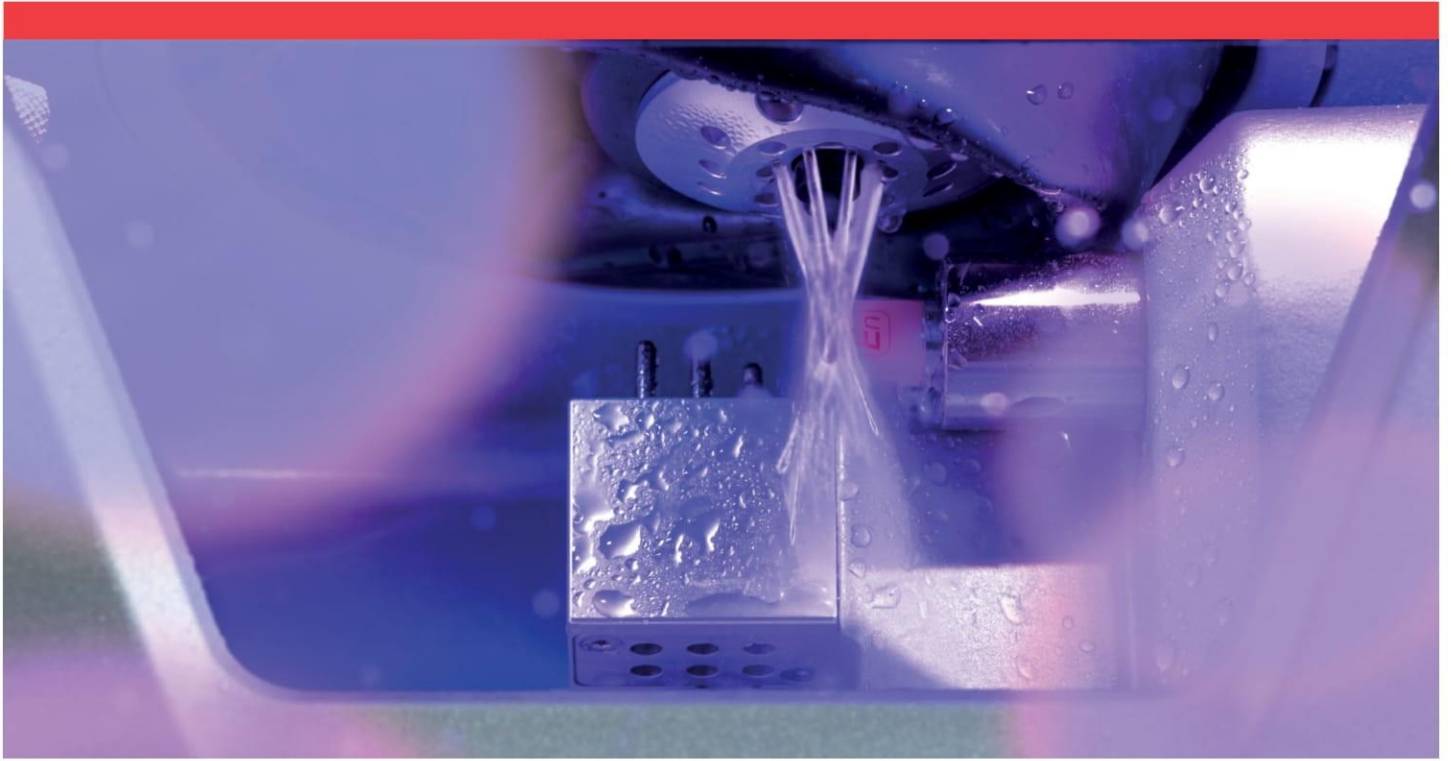
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The Z4 works with clear water. No additives needed – better for your materials and without annoying disposal.



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AND FLEXIBILITY IN MATERIALS
I NEED."**

Alan Jurim, DDS

Director for Digital Dentistry at Touro Dental College, New York