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
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 your high-quality restorations with maximum independece. 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.

CONVINCING ARGUMENTS GALORE!

High precision • Milling and grinding in Ultra-HD • Proven industrial quality • 3 micron repetition accuracy

Rapid production • Restorations in under 10 minutes • 2-second block insertion • 102,000 RPM electrical high-frequency spindle

Complete independence • Chair-side-across channels, necessary • 500+ chair-side-across blocks from 21 manufacturers • Validated with all established scanners and design software • 5-axis integrated workflow with TRIZIS Design Studio (1584), DWOS chairside DentalWings and exocad ChairStudio® • Integrated FC with touch screen and Wi-Fi • No laptop necessary • Built-in compressed air • Tool-free mounting • Tool changer included • Tool holder set included

Extremely economical • Chair-side-across channels, necessary • Chair-side-across channels, necessary • No tool changer • 14-28 blocks • 2-second block insertion • No cost for material and less material inventory necessary

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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.

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Materials, manufacturer, indication. Enjoy the freedom of choice.

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

University of Washington

A scientific study at the University of Washington proved that using the Z4, users can drill screw-access channels for hybrid implant restorations into blocks with no significant loss in material. 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 cost for material and less material inventory necessary.

University of Washington, 2019

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

A MATTER OF FACTS.

TECHNICAL DATA.

SCOPE OF DELIVERY

• 3 microns repetition accuracy
• Tool-free block clamping in just two seconds. It couldn’t be easier. Perfect results. Mill and grind reliably with the Z4 in Ultra-HD.

1. SCAN 2. DESIGN 3. MILL

Material and indication availability may vary by CAD provider. Full range of indications and materials necessary.

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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.