

ERNST HINRICHS Dental digital



HinriMill

R5

www.hinrichs-dental.de

HR5 - REDEFINING MILLING.

10 discs

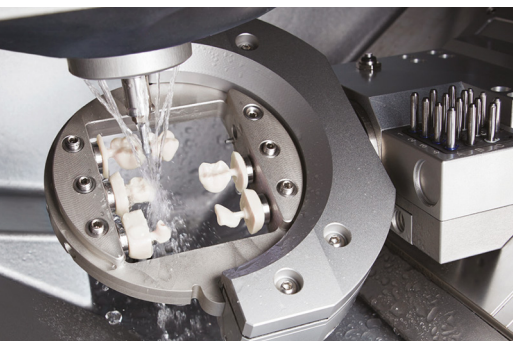
60 blocks

60 prefab abutments

With the new high-end HinriMill R5 dental lab machine, vhf has developed a highly automated milling and grinding machine with a tenfold blank changer for both wet and dry machining, bringing revolutionary approaches to the lab. It combines utmost precision with maximum stability regardless of material – all with a minimal footprint.



Operating the machine is also incredibly simple thanks to various technologies: With Direct Disc Technology, milling blanks can now be processed directly without any cumbersome fiddling with the tenter frames. Like all ERNST HINRICHS Dental machines, the HinriMill R5 can be used with a maximum variety of materials from all manufacturers when it comes to discs, blocks and abutments and therefore provides perfect investment protection!



Direct Clean Technology allows you to conveniently switch between wet and dry machining. In addition to integrated ionizers and active workspace ventilation, the HinriMill R5 also has a highly intelligent drying feature.



Another novelty is the integrated water cooling, which significantly minimizes the thermal expansion of the spindle and Z axis. Faster machining with even more consistent results and longer spindle lives are the benefits for future HinriMill R5 owners.

FEATURES

The ability to feed milling blanks up to 40 mm thickness via a blank changer and get right to work is another highlight. Even better is the generous tilt angle for the fifth axis of ± 35 degrees. The HinriMill R5 thereby guarantees a maximum of indication variety and freedom of design.

Maximum Precision

- ✔ restorations in ultra HD
- ✔ water-cooled high-precision spindle
- ✔ 3 microns repetition accuracy

Absolute Independence

- ✔ sheer unlimited material accessibility in 98 mm disc format, 30 block materials, and >140 titanium and CoCr prefab abutment platforms
- ✔ covers the broadest range of indications, due to $\pm 35^\circ$ rotation angle in the 5th axis, and up to 40 mm blanks

Highly Economical

- ✔ one of the fastest machines on the market
- ✔ revolutionary material loading with Direct Disc Technology
- ✔ automatic changer holds up to 10 discs, 60 blocks or 60 prefab abutment blanks
- ✔ Direct Clean Technology enables wet and dry on the fly: ionizer, self-cleaning and built-in dryer

Powerful Robustness

- ✔ mills and grinds the toughest materials on the market including all Ti and CoCr
- ✔ 800 watts of power and 80,000 RPM
- ✔ heavy industrial quality

Unmatched Reliability

- ✔ 100 percent engineered and manufactured in Germany
- ✔ comprehensive sensor technology to monitor all vital system functions
- ✔ two webcams for remote monitoring

Requirements

- ✔ 7 bar oil and water-free pressure force
- ✔ powerful suction, e.g. Renfert PowerCAM EC

The high-end milling machine for the price of

53.300,- € *

* official retail price



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