

CORiTEC one

The intelligent Practice Lab Solution 2.0

Specialized for sophisticated processing
of ceramic blocks
and premilled abutments

NEW!
SYSTEM



Technical Highlights

- a new type of closed mono-block cast body
- optimized touch software operation
- optimized axle kinematics
- high dynamics, precision and speed
- outstanding price-performance ratio
- processing of all commonly used material blocks, as well as premilled abutments
- multi-adapter for up to three blocks or maxi-blocks (65mm x 40mm x 20mm)
- highest degree of stability and precision,
- fully integrated wet and dry processing
- automated 6-fold tool changer
- tool runtime monitoring / breakage monitoring / tool management / job management
- integrated control PC with 10" touchscreen for smart graphical operation
- only low-pressure compressed air needed (2 bar) optional with integrated air compressor
- innovative cooling / filtering system for easy handling
- fully enclosed wet cell with larger genuine glass pane
- integrated CNC and CAM module
- modern, high-quality and ergonomic machine-design
- efficient milling spindle with 80,000 rpm



only **2 bar** necessary
optional air compressor
integrated

The new CORiTEC one machine system is suited perfectly for processing any common CAD/CAM blocks up to a size of 65mm x 40mm x 20mm (maxi blocks). Offering the new and extremely robust axis kinematics, the machine is also able to machine premilled abutments.

The high-quality cast aluminum construction facilitates high stability while maintaining the smallest of footprints. Machine operation is user-friendly via the large touchscreen display with its integrated high-performance PC, no additional computer system required. The 3-fold block holder and 6 tool positions with sister (twin) tool function make economic, safe and fast processing possible with the highest possible quality output. The machine is ideally suited for practice labs, combined with an intra-oral or desktop scanner. For laboratories or milling centers it may be an excellent complementary system for specialized applications like glass ceramics and premilled abutments.

Retaining bracket
system



Technical Specifications

Number of axes and machining type	4-axis simultaneous machining
Max. setting angle of the rotary axis	360° processing possible
Wet and dry processing	Fully integrated
Spindle speed max. / Pmax~	80,000 rpm / 0.4 kW
Axle drives	Microstep motors
Tool fitting	3 mm shaft
Tool changer	6-fold
Workpiece changer	Manual 3-way adapter
Weight	65 kg
Width x depth x height	380x495x600 mm
Supply voltage / frequency / power	100V-240 V/50/60 Hz/800 W
Compressed air supply	2 bar
Materials	Premilled abutments, zirconium dioxide, aluminum oxide, PMMA, plastics, composites, wax, glass ceramic, hybrid ceramics
Compatibility	CAD/CAM blocks (1-way and 3-way adapter), maxi blocks (65mm x 40mm x 20mm) nt-trading pre-milled abutments, Medentika PreFace® abutments