

CORiTEC 250i touch/ 250itouch dry

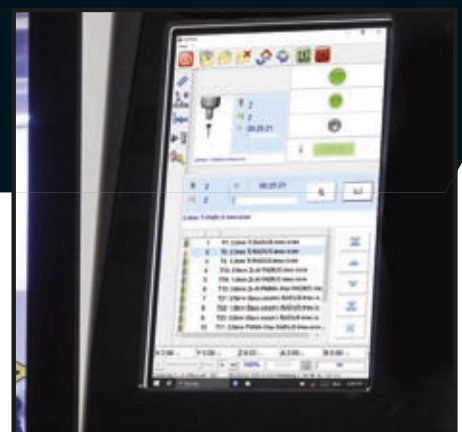
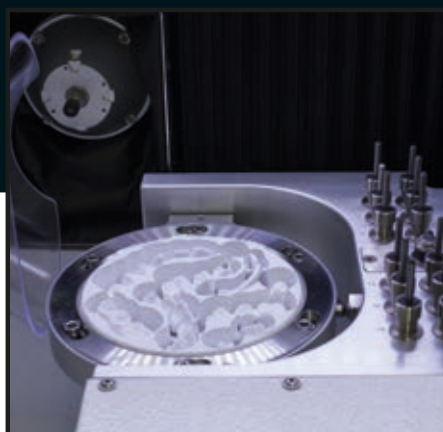
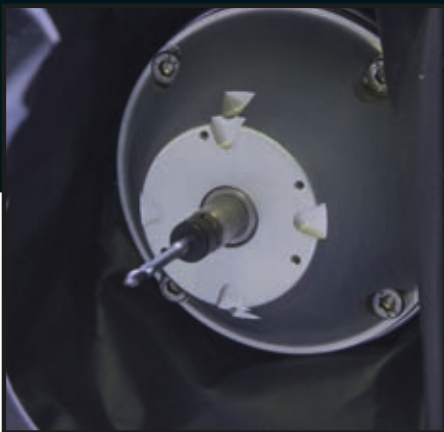
The Compact - 5-axis system

The CORiTEC 250i and CORiTEC 250i dry machine systems are the most widely used CAD/CAM systems for applications of zirconium dioxide, PMMA or wax. Thanks to the 5-axis technology, these machines can also produce complex dentures with diverging stumps and undercut areas without further rework. These systems are therefore ideal if a good price/performance ratio is in the foreground, while simultaneously retaining very high equipment flexibility.

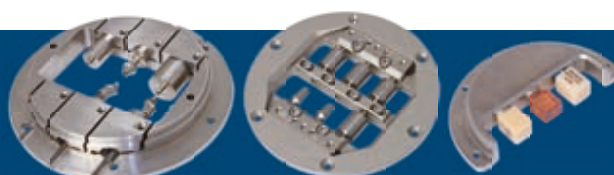
Processing of CAD/CAM blocks or premilled abutments are also possible by using the respective adapter systems. This makes the CORiTEC 250i a very cost-effective system, offering an high variety of materials, and with its 5-axis system great flexibility as well.

Technical Highlights

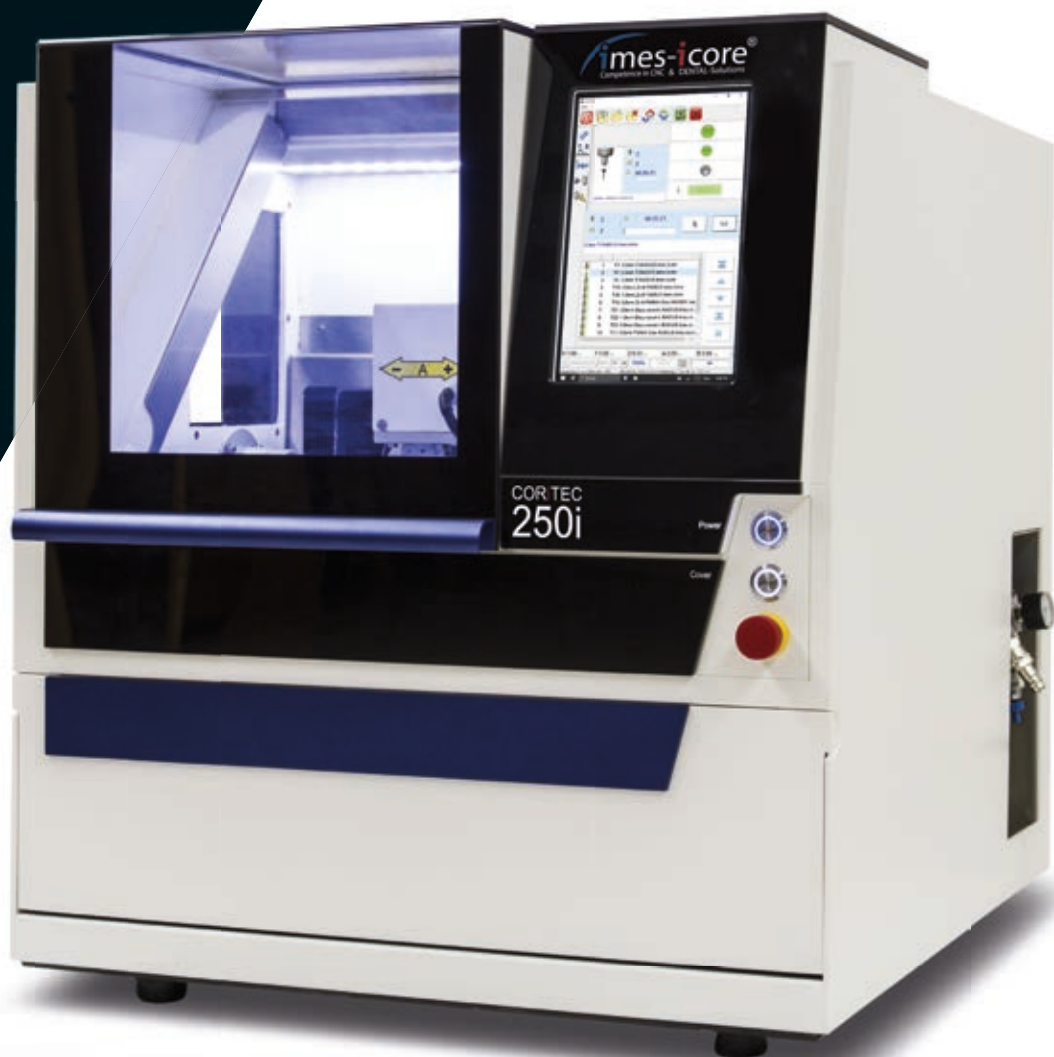
- 5-axis machining systems with up to $+30^\circ$ axis orientation
- tool runtime control/breakage control
- integrated cooling cycle for cooling lubricant (CORiTEC 250i)
- HF spindle with a max. of 60,000 U/min
- 12-fold tool changer
- compressed air and coolant level monitoring
- for processing of zirconium, PMMA, wax, plastics, and grindable block materials
- processing of premilled abutments possible
- integrated control PC with touch screen



Retaining bracket
system



NEW!
TOUCH
VERSION



Technical Specifications

Number of axes and machining type	5-axis simultaneous machining
Max. setting angle of the rotary axis	A-axis +/- 30° / B-axis +/- 25°
Wet processing	Integrated for the CORiTEC 250i
Maximum speed / Pmax~	60,000 rpm / 0.4 kW
Axle drives	Microstep motors
Tool fitting	3 mm shaft
Tool changer	12-fold
Workpiece changer	Manual
Weight	95 kg
Width x depth x height	544x650x612 mm
Supply voltage / frequency / power	100 V-240 V/50/60 Hz/900 W
Compressed air supply	6-9 bar constant supply, only 50 liters/minute
Materials	Zirconium dioxide, aluminum oxide, PMMA, plastics, composites, wax, glass ceramic
	Premilled abutments and hybrid ceramic (only CORiTEC250i touch)
Compatibility	98 mm/98,5 mm blanks, CAD/CAM blocks (3-fold adapter), Lava Frames, nt-Trading premilled abutments, Medentika PreFace® abutments