

CORiTEC 250i touch/ 250i dry touch

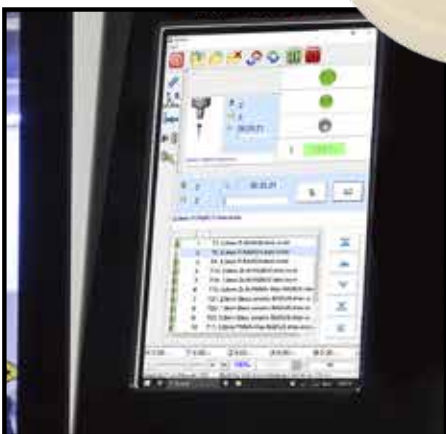
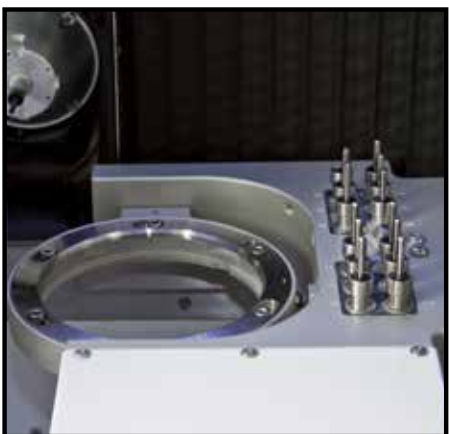
The compact 5-axis entry-level system

The machine systems CORiTEC 250i touch and CORiTEC 250i dry touch are the most widely used CAD/CAM entry level systems. Thanks to the 5-axis technology, these machines can also produce complex dentures with diverging stumps without rework. These systems are therefore ideal if a good price/performance ratio is in the foreground, with, nevertheless, very high flexibility of the machine system.

The CORiTEC 250i touch also features an option of wet processing. Wet processing takes place mostly in the processing of CAD/CAM blocks, and special plastic materials.

Technical highlights

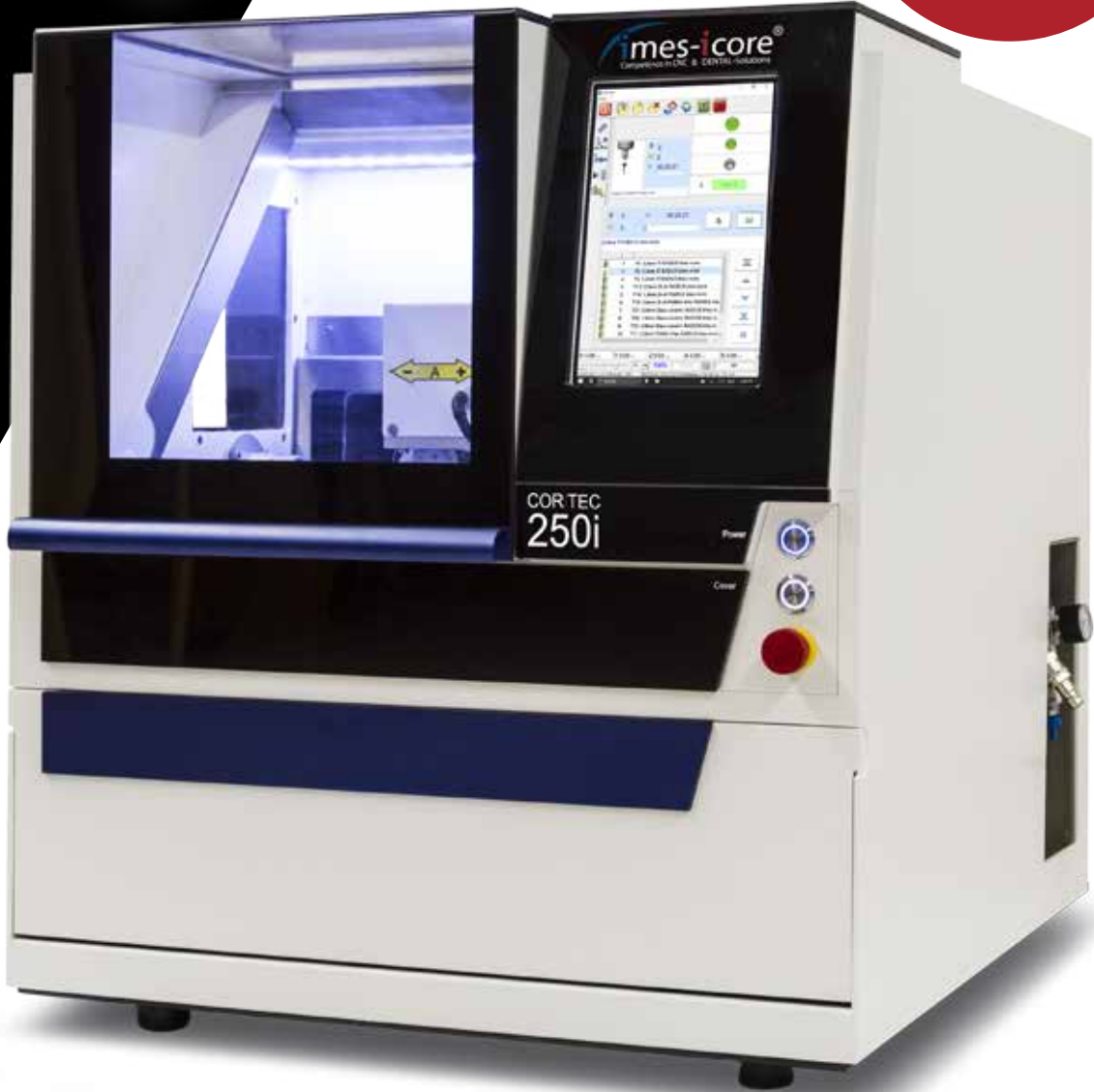
- 5-axis machining system with up to 30° axis orientation
- Tool runtime control/breakage control
- Integrated cooling circuit for cooling lubricant (only CORiTEC 250i touch)
- HF spindle up to 60,000 rpm
- High-resolution and high-performance micro-step controllers and motors on all axes
- Air purge system and cooling nozzles for wet processing are integrated in the spindle holder
- Extraction system to extract the resulting particulate matter
- Automatic compressed air and coolant monitoring
- For processing of zirconium dioxide, PMMA, wax, plastics, and grindable block materials, prefabricated abutments (only CORiTEC 250i touch)
- Control software Remote DENTAL 3.0
- Touchscreen operation with integrated Tablet-PC



High precision
through integrated
temperature
compensation!



NEW
with touch
control



Technical specifications

Number of axes and machining type	5 axes, simultaneous machining
Max. tilt angle of the rotary axis	A-axis +/- 30° / B-axis +/- 25°
Wet processing	Integrated only in CORiTEC 250i
Spindle max. / P _{max}	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
Mains voltage / frequency / power	100 V-240 V / 50/60 Hz / 900 W
Compressed air supply	6-9 bar constant supply, only 50 litres/minute
Materials	Zirconium dioxide, aluminium oxide, PMMA, plastics, composites, wax. Glass ceramics, hybrid ceramics, prefabricated abutments (only CORiTEC 250i touch)
Compatibility	98 mm/98.5 mm blanks, CAD/CAM blocks (3-fold adapters), Lava frames