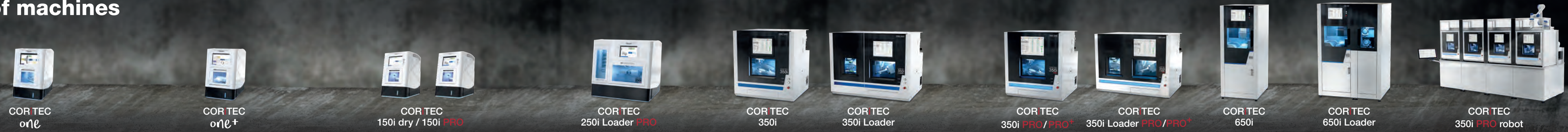


CORiTEC machine portfolio

The new generation of machines



Technical data											
Number of axes	4	5	5	5 + 1	5	5 + 1	5	5 + 1	5	5 + 2	5 + (6-axis-robot)
Number of tool positions	6	10	10	16	20		20		32 (HSK 25)		20 (per machine)
P _{max} -maximum spindle speed	0.75 kW 100.000 rpm	0.75 kW 100.000 rpm	0.75 kW 100.000 rpm	0.75 kW 100.000 rpm	1 kW 60.000 rpm		PRO: 1 kW 60.000 rpm PRO+: 2.6 kW 60.000 rpm		3.2 kW 50.000 rpm		1 kW 60.000 rpm
Axle drive	Microstep drives	Microstep drives	Microstep drives	Microstep drives	AC-servo drives with encoder		AC-servo drives with absolute encoder		Linear-/ torque drive, Absolute length measuring systems		AC-servo drives with absolute encoder
Blank change/number of blank holder	Manual 1-times block material	Manual 1-times blank holder 1/6-times block holder	Manual 1-fold blank holder	Automatic up to 6 blank holder	Manual 1-fold blank holder	Automatic up to 12 blank holders	Manual 1-fold blank holder	Automatic up to 12 blank holders	Manual 1-fold blank holder	Automatic up to 16 blank holders	Automatic up to 21 blank holder per machine
Zero point clamping system	-	-	-	✓	optional	✓✓	✓✓	✓✓	✓✓	✓✓	✓✓
Dry processing	✓✓*	✓✓*	✓✓	✓✓		✓✓		✓✓		✓✓	✓✓
Wet processing	✓✓	✓✓	✓✓	✓✓		✓✓		✓✓		✓✓	✓✓
Blank processing 98/98,5mm	-	✓✓	✓✓	✓✓		✓✓		✓✓		✓✓	✓✓
Block processing (CAD/CAM blocks)	✓✓	✓✓	✓✓	✓✓		✓✓		✓✓		✓✓	✓✓
Base structure	Aluminium cast	Aluminium cast	Aluminium cast	Aluminium cast	Aluminium / steel		Polymer concrete / steel		Granite / steel		Polymer concrete / steel
Materials											
Zirconium oxide / aluminium oxide	✓✓	✓✓	✓✓	✓✓		✓✓		✓✓		✓✓	✓✓
PMMA / resins / PEEK / composite / wax	✓✓	✓✓	✓✓	✓✓		✓✓		✓✓		✓✓	✓✓
Glass ceramics / hybrid ceramics	✓✓	✓✓	✓✓	✓✓		✓✓	✓✓	✓		✓	✓✓
Sintering metal	✓	✓	✓	✓		✓		✓		✓	✓
Chrom cobalt	✓*	✓*	✓*	✓**		✓		✓		✓	✓
Titanium	✓*	✓*	✓*	✓**		✓		✓		✓	✓
Applications											
Coping / crown / inlay / onlay	✓✓	✓✓	✓✓	✓✓		✓✓		✓✓		✓✓	✓✓
Bridges up to 3 units	✓✓	✓✓	✓✓	✓✓		✓✓		✓✓		✓✓	✓✓
Bridges up to 14 units	-	✓✓	✓✓	✓✓		✓✓		✓✓		✓✓	✓✓
Telescopic crowns	-	✓ (PEEK)	✓ (PEEK)	✓ (PEEK)		✓✓		✓✓		✓✓	✓✓
Therapeutic splints (bite splints)	-	✓✓	✓✓	✓✓		✓✓		✓✓		✓✓	✓✓
Tooth models	-	✓✓	✓✓	✓✓		✓✓		✓✓		✓✓	✓✓
Removable partials	-	✓✓	✓✓	✓✓		✓✓		✓✓		✓✓	✓✓
Abutments on titanium adhesive basis	✓	✓	✓	✓		✓✓		✓✓		✓✓	✓✓
Prefabricated abutments of Ti / CoCr	✓	✓	✓	✓		✓✓		✓✓		✓✓	✓✓
One-piece abutments (Zr, resins)	✓	✓	✓	✓		✓✓		✓✓		✓✓	✓✓
One-piece abutments (CoCr, titanium)	-	-	-	-		✓		✓		✓	✓
Bar structures / one-piece abutments bridges on implants	-	-	-	-		✓		✓		✓	✓

✓✓ ideally suitable ✓ suitable - not available * prefab-abutments possible with adapter ** In preparation