

Welcome to **your** Universe



Materials
Technologies
Implant Components
Milling Services

New generation of leading CAD/CAM technologies

by imes-core®



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Technical data							
number of axes	5		5 + 1	5	5 + 1	5	5 + 1
number of tool positions	10		16	20		20	
Pmax~ maximum spindle speed	0.75 kW 100.000 rpm		0.75 kW 100.000 rpm	1 kW 60.000 rpm		2.6 kW 60.000 rpm	
axle drive	microstep drives		microstep drives	AC-servo drives with absolute encoder		AC-servo drives with absolute encoder	
blank change / number of blank holder	manual 1-fold blank holder		automatic up to 7 blank holder	manual 1-fold blank holder	automatic up to 12 blank holders	manual 1-fold blank holder	automatic up to 12 blank holders
zero point clamping system	-		✓	✓✓	✓✓	✓✓	✓✓
dry processing	✓✓		✓✓	✓✓		✓✓	
wet processing	-	✓✓	✓✓	✓✓		✓✓	
blank processing 98/98,5mm	✓✓		✓✓	✓✓		✓✓	
block processing (CAD/CAM blocks)	✓ (dry)	✓✓	✓✓	✓✓		✓✓	
base structure	aluminium cast		aluminium cast	polymer concrete / steel		polymer concrete / steel	
Materials							
zirconium oxide / aluminium oxide	✓✓		✓✓	✓✓		✓✓	
PMMA / polymers / 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	✓✓		✓	✓✓		✓✓	
therapeutic splints (bite splints)	✓✓ (PEEK)		✓✓ (PEEK)	✓✓		✓✓	
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	-		-	✓✓		✓✓	
price (euro/net)	23.450,- €	27.450,- €	38.950,- €	52.950,- €	63.450,- €	59.450,- €	69.450,- €

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

spindle cooling from 1.680,00