

Welcome to **your** Universe



Materials
Technologies
Implant Components
Milling Services

New generation of leading CAD/CAM technologies

by imes-core®



Rev. 01_2021/09

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150 dry



150i / PRO



250i Loader PRO



350i

350i Loader



350i PRO/PRO+



350i Loader PRO/PRO+

Technical data								
number of axes	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		PRO: 1 kW 60.000 rpm PRO+: 2.6 kW 60.000 rpm	
axle drive	microstep drives		microstep drives		AC-servo drives with encoder		AC-servo drives with absolute encoder	
blank change / number of blank holder	manual 1-fold blank holder		automatic up to 6 blank holder		manual 1-fold blank holder		automatic up to 12 blank holders	
zero point clamping system	-		✓		optional		✓✓	
dry processing	✓✓		✓✓		✓✓		✓✓	
wet processing	-		✓✓		✓✓		✓✓	
blank processing 98/98,5mm	✓✓		✓✓		✓✓		✓✓	
block processing (CAD/CAM blocks)	✓ (dry)		✓✓		✓✓		✓✓	
base structure	aluminium cast		aluminium cast		aluminium / steel		polymer concrete / steel	
Materials								
zirconium oxide / aluminium oxide	✓✓		✓✓		✓✓		✓✓	
PMMA / resins / PEEK / composite / wax	✓✓		✓✓		✓✓		✓✓	
glass ceramics / hybrid ceramics	-		✓✓		✓✓		✓✓	
sintering metal	✓		✓		✓		✓	
chrom cobalt	-		-		✓		✓✓	
titanium	-		✓*		✓		✓✓	
Applications								
copling / 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)	21.950,00	25.950,00	34.950,00		39.950,00	49.950,00	350i Pro: 49.950,00 350i Pro+: 55.950,00	350i Loader Pro: 59.950,00 350i Loader Pro+ : 65.950,00
350i Pro+ / 350i Loader Pro+: spindle cooling: 1.680,00								

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