



İFA MAKİNA TASARIM MÜH. HİZM. SAN VE TİC. LTD .ŞTİ.

İmes San. Sit. A Blok 107 Sk. No:37 Y.Dudullu Ümraniye/İST

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DENTIFA CNC MACHINES and FEATURES

Dentifa PRO1 5 AXIS TECHNICAL SPECIFICATIONS

Processible Materials

Titanium, CoCr/NEM, Aluminium oxide , Zirconium dioxide, PMMA, plastics, wax, glass ceramics, composites, hybrid ceramics

TECHNICAL SPECIFICATIONS

Net work area X;Y;Z	130*130*250mm A:+25°-95° B:360°
CNC Control Unit	Parker PAC 5Axis Simultane CNC Control System Digital Erhercat (Working with CodeSys)
Kontrol PC	Nexcom 15" industrial Panel PC Touch Screen
Axis Accuarcy Repeatability	+/- 0.01mm
Axis Speed	Max 15 m/min
Spindle	2,5 kW 40.000 rpm IMT Automatic Tool Change Liquid Cooling
Tool Holder Type	HSK E 25
Tool Changer	10 Tool Servo Tarret
X Axis	3Nm Parker DSL Absolute Servo Motor
Y Axis	1.4Nm Parker DSL Absolute Servo Motor
Z Axis	3Nm Parker DSL Absolute Servo Motor
A Axis	0,55 Nm Parker DSL Absolute Servo Motor and Harmonic drive gearbox
B Axis	1.4Nm Servo Motor
Body	Steel construction
Holding Blocks	With a single block connecting to the System 3R
Linear rail system & Gearbox	THK , Harmonic Drive
Tool Length Measuring System	0.005mm Repeatability
Tool cooling	Air and Liquid Cooled
Code System	ISO "G" Code
Clone Tool Identification	Yes
Dimension H x W x D	1750mm x 980mm x 904mm
Weight	~950kg
Power supply	220V +/- %2 ve 50Hz
Air requirements	6 Bar



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