

Aidite[®]
AMD-500

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Five-axis / Large-angle processing / Material saving



AMD-500 Digital Dental Milling Machine

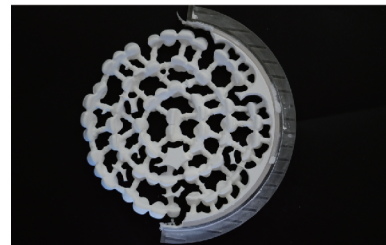
Aidite AMD-500 dental milling machine is a dry-milling equipment with five-axis, mainly used for CAD / CAM processing of dental materials such as zirconia and PMMA. AMD-500 has stable performance and large processing angle, enable to do 90° vertical processing of the buccal surface of the restoration. At the same time, AMD-500 is equipped with 1/2 open fixture and plastic secondary fixture, effectively improving the material layout utilization. The large high-definition touch screen is easy to operate and brings you the ideal dental material processing solution.



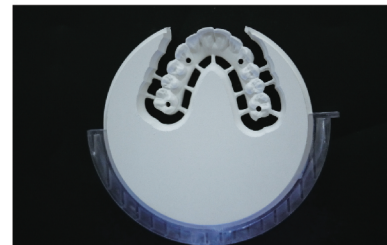
Technical Specifications	
Equipment size	560*670*770mm
Axis Motor Technology	Digital AC Servo Motor
Ball Screw Precision	8μm
Spindle Speed	60000RPM
Spindle Power	500W
Number of Axis	5 Axis
Max. Tilt Angle	B axis: + 30 °, -90 °; A axis: ± 360 °
Max. Tools Shaft Diameter	4mm
ATC Capacity	6
Dry Milling	●
Wet Milling	○
Milling Material	Zirconia/ PMMA/ Wax/ Composite
Voltage / Frequency	220V 50/60Hz ,110V 50/60Hz (OPTION)
Power Consumptions	1.6KW
Air Requirement (Lt / Min.)	60L/min
Compressed Air Pressure (Bar)	6Bar
CAMSoftware	Open System

*Milling Time (12mm Zr Blank / Single Anatomic Crown)16 Min

Processing Show



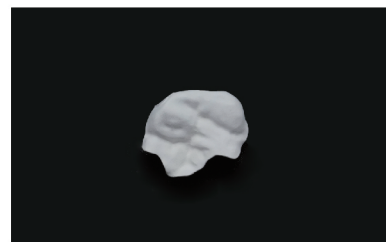
Ultra-high utilization



90°buccal processing



Display of buccal processing



Onlay processing



Veneer processing



Veneer processing

