

TECHNICAL PARAMETERS

Number of axis	Five axis
Processing type	Crown / Bridge ,Implant bar ,Screw-Retained Bridge ,Abutment ,locator
Milling mode	Wet/Dry
Millable material	Titanium disc, Cobalt Chrome, Premill, Glass ceramic, PEEK, PMMA
Material thickness	10-25mm
Fixture	98mm/Block
Repeat positioning accuracy	±5um
Linear drive system	High precision linear guide slide block
Rotary drive system	High precision reducer
External dimensions	750*885*1663mm
Weight	500KG
Tool changer	25
Stroke	X,Y,Z axis :320*120*130mm A-axis:360° B-axis:-110°, +30°
Spindle	Power: 2.5kw Cooling method: water cooling Speed :60000rpm Chuck size :6mm
Input	Power supply :AC220V 50Hz 60Hz Power :3.8kw Air pressure :0.6-0.8MPa

AMM-580 Milling Machine

Implant Large Angle Processing / Various implant databases /
High precision and stable operation



AMM-580 MILLING MACHINE

The AMM-580 is a highly versatile and robust milling machine designed to meet today's most demanding implant requirements. It can process implant bars, screw-retained bridges, custom abutments, and more with a stable structure and high machining precision.



Safety door
Ensure safe operation of equipment



Operating status light
Improve equipment efficiency

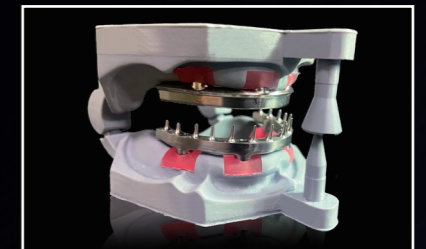


High precision servo system
Stable operation with high precision in place



Rich processing types
Meet customer's implants solution needs

APPLICATION



High precision spindle
 ◦ Maximum speed 60,00rpm ◦ Shank diameter 6mm



Tool magazine
 ◦ 25 tool magazines design
 ◦ Various implants processing types



Tool life management
 ◦ Real-time recording of tool usage time
 ◦ Intelligent prompt tool replacement



Aviation cast aluminum platform
 ◦ Stable structure ◦ Smooth operation



Large angle machining
 ◦ Rotation angle A-axis: 360° B-axis: -110°, +30°
 ◦ Fine processing of bridge undercut



High precision servo system
 ◦ Higher machining accuracy
 ◦ Stable precision control