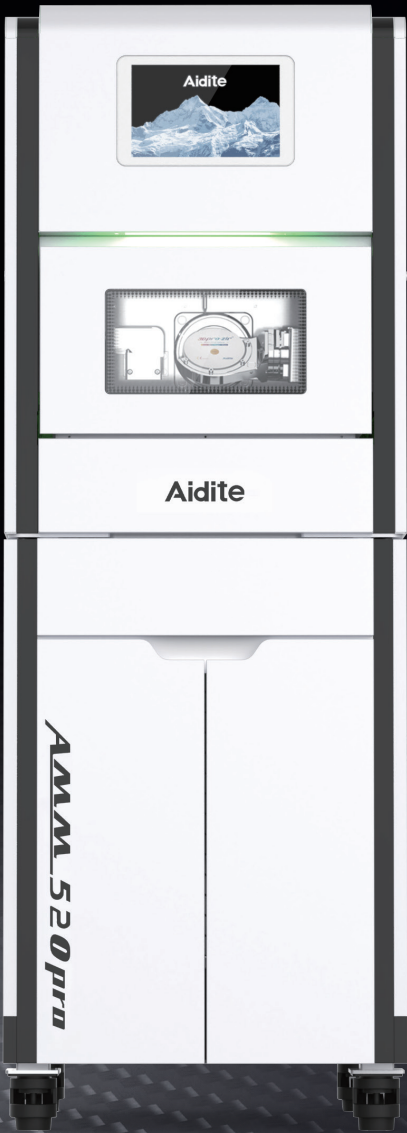


TECHNICAL PARAMETERS

Number of axes	5 axes
Milling mode	Wet and dry
Processing type	Crown/bridge, veneer, inlay, customer abutment, implant superstructures(optional module of CAM software), implant bar clip (optional module of CAM software), screw-retained bridge (optional module of CAM software), complete denture, occlusal splint, partial denture framework
Millable material	Zirconia, PMMA, Glass ceramic, Premill, PEEK, Titanium disc, CoCr, Composite material
Material thickness	10-35mm (Disc)
Accessories	Work table, water cooler, water tank
Repeat positioning accuracy	±5um
Linear drive system	Linear guide and lead screw
Rotary drive system	Harmonic reducer
Clamping system	Zero-point clamping system
Control system	Embedded CNC system and AC bus servo motor
Machine size	590×730×820 (mm)
Machine weight	180kg
Tool changer	18 detachable modular design
Standard fixture	Disc fixture,C type fixture and block fixture
Processing time	Single crown ≤15min, Premill ≤20min Glass ceramic≤20min, full denture≤1.5h
Travel	XYZ axis:180X110x100 (mm) A-axis:±361° B-axis:±30°
Spindle	Power: AC 2500W Cooling: water cooling Speed: 60000rpm Chuck size: Φ6 mm
Input	Power supply: single-phase AC 220V 50/60Hz Voltage Power: 3KW 15A Air pressure: 6Bar

AMM-520 Pro Milling Machine

Wet and dry machine, with multi-materials and multi-type processing efficiently and stably





# AMM-520 PRO MILLING MACHINE

AMM-520 Pro is a wet and dry integrated multi-functional milling machine, with a stable structure and a variety of fixture combinations, meeting different production needs.



### Harmonic drive

Harmonic drive ensures high precision of machine tool



### Modular structure

Modular structure design ensures efficient processing and easy maintenance



### Various fixtures (optional)

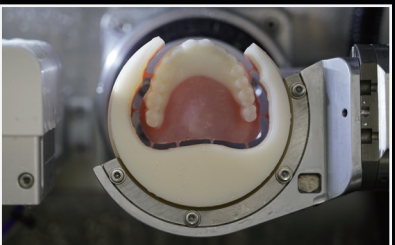
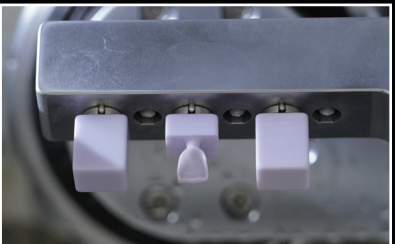
Compatible with fixtures of different quantities and materials



### Safety door

When the door is opened in the running state, the equipment will stop working to ensure safe operation

# MACHINABLE APPLICATION



### ZERO Point system

◦ Quick change of fixtures, guaranteed precision



### Spindle

◦ Maximum speed: 60000 RPM  
◦ Shank diameter: 6mm  
◦ Power: 2.5KW



### One-piece silicone dustproof

◦ Effectively prevent dust from entering inside of machine  
◦ Ensure efficient and stable operation



### High precision lead screw

◦ It is accurate to get more stable control and a better tooth surface milling effect



### Full denture milling

◦ One-piece milling solution  
◦ Split-piece milling solution



### Implant processing

◦ High-precision milling  
◦ Various processing types such as implant bar, screw-retained bridges, etc.



### Custom abutment reverse clamping milling

◦ Support vertical processing of occlusal abutments  
◦ Achieve perfect positioning of abutments and crowns



### Tool Life Management

◦ Dust and chip protection, tool magazine protection

