

Aidite
AMW-400S

AMW-400S

Efficient and stable operation | High-precision processing | Bur monitoring



Aidite

Aidite (Qinhuangdao) Technology Co.,Ltd.
Tel : 0086-335-8587898
Fax: 0086-335-8587198
Email: info@aidite.com
Web: www.aidite.com

AMW-400S 4-Axis milling machine

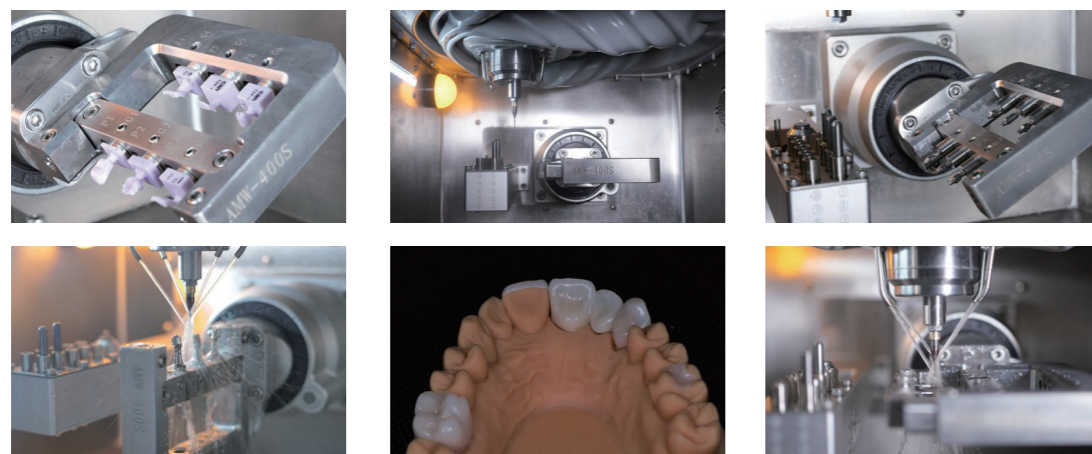
Aidite AMW-400S is a stable, high-precision, high-efficient wet milling machine. The equipment is easy to operate, adopts one-piece silicone protection, and a new fixture concept design. Bring you the ideal personalized abutment and glass ceramic processing solutions



Platform	Aviation cast aluminum
Size	590×730×820 (mm)
Weight	180kg
Processing method	Wet milling
Milling tool quantity	10 Pieces
Waterproof	One-piece silicone, good waterproof and airtight
Fixture	Block material fixture/reverse gripper fixture
Machinable material thickness	6 glass ceramic, 6 premill
Processed material	Premill, glass ceramics, PMMA and other wet milling block materials
Processing type	Crown and bridge, inlay, veneer, screw-retained crown, custom abutment
Nesting CAM software	Open
Processing Angle	B Axis:360°
Motor	Bus servo and motor
Air Pressure	≥6Bar
Function	Tool life management Working Status Indicator Safe door Flow detection function 90° vertical processing
Spindle	Water cooling MAX:60000RPM AC 1500W 6mm collet
Processing time	Premill≤15min glass ceramic≤20min

Detail Effect

High-precision control and brand-new structural design offer you a stable and efficient processing experience



Machine Maintenance Tips

- Intelligent reminder of equipment maintenance cycle and maintenance time



Safe Door

- When the door is opened in the running state, the device will automatically stop working. Ensure safe operation of equipment



Aviation Cast Aluminum platform

- Stable structure
- Smooth running



Processing Material Quantity

- Simultaneous processing (same material):
6 premill/6 glass ceramics/6 pmma block materials



Tool Life Management

- Real-time recording of tool life
- Smart reminder to change tools
- Premill:3.0 1.5 1.0mm
- Glass Ceramic:2.5 1.0 0.6mm

Detail Effect



High precision lead screw

- more stable control, better tooth surface effect



Modular structure design

- Efficient and easy to maintain



Harmonic drive

- Harmonic drive to ensure high precision of machine



One-piece silicone protection

- Silicone can effectively protect the stable and safe operation in wet milling environment



Status indication tri-color light

- Three colors determine the working status, which is convenient for observing the operation of the equipment



Spindle

- Maximum speed:60000 RPM
- Shank diameter:6mm
- Power:1.5KW big spindle



Water Tank

- Bottom integrated drawer wet milling water tank



Customized Abutment Reverse Grip Milling

- Supports vertical machining of abutment occlusion
- Achieve perfect seating of abutments and crowns