

TECHNICAL PARAMETERS

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
Number of processed materials	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: ±361°
Motor	Bus servo 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 1800W 6mm collet
Processing time	Premill≤15min glass ceramic≤20min

AMW-400S Pro

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



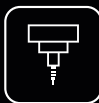
AMW-400S Pro 4-AXIS MILLING MACHINE

Aidite AMW-400S Pro is a stable, high-precision and high-efficiency wet milling machine. The equipment is easy to operate, featuring one-piece silicone protection and a brand-new fixture design. It brings you the ideal customized abutment and glass ceramic processing solutions.



Harmonic drive

Harmonic drive to ensure high precision of machine



Spindle detection

No need for titanium column hole calibration



One-piece silicone protection

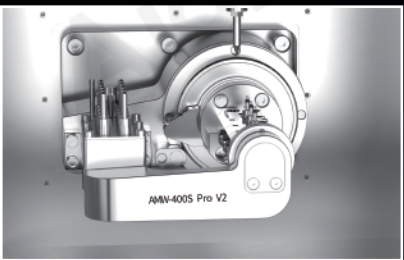
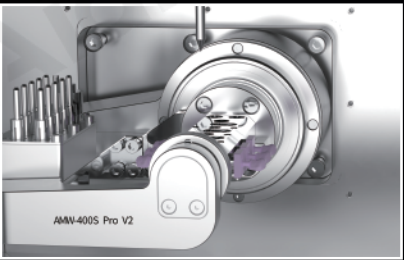
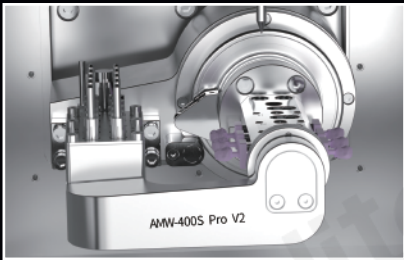
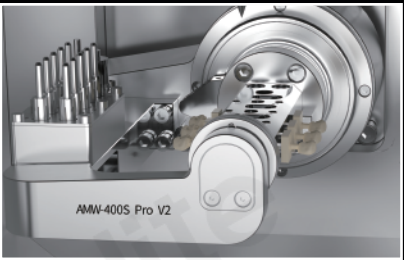
Silicone can effectively ensure the stable and safe operation in wet milling environment



High precision lead screw

More stable control, better tooth surface milling effect

MACHINABLE APPLICATION



Customized Abutment Reverse Grip Milling

- Full hole position supports vertical processing of abutment occlusal surface
- Achieve perfect positioning of abutment and crown



Spindle detection function

- Automatic compensation of precision, no need for titanium column hole calibration



Spindle

- Maximum speed: 60000 RPM
- Shank diameter: 6mm
- Power: 1.8KW



Water Tank

- Bottom integrated drawer wet milling water tank



Aviation Cast Aluminum Platform

- stable structure
- smooth running



Status indication tri-color light

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



Processing Material Quantity

- Number of materials processed simultaneously: glass ceramic (6) or PMMA (6) or premill (6)



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