

Zotion 5 axis dental milling machine

Core technology powered by Zotion



Technology pioneer, industry standard leader





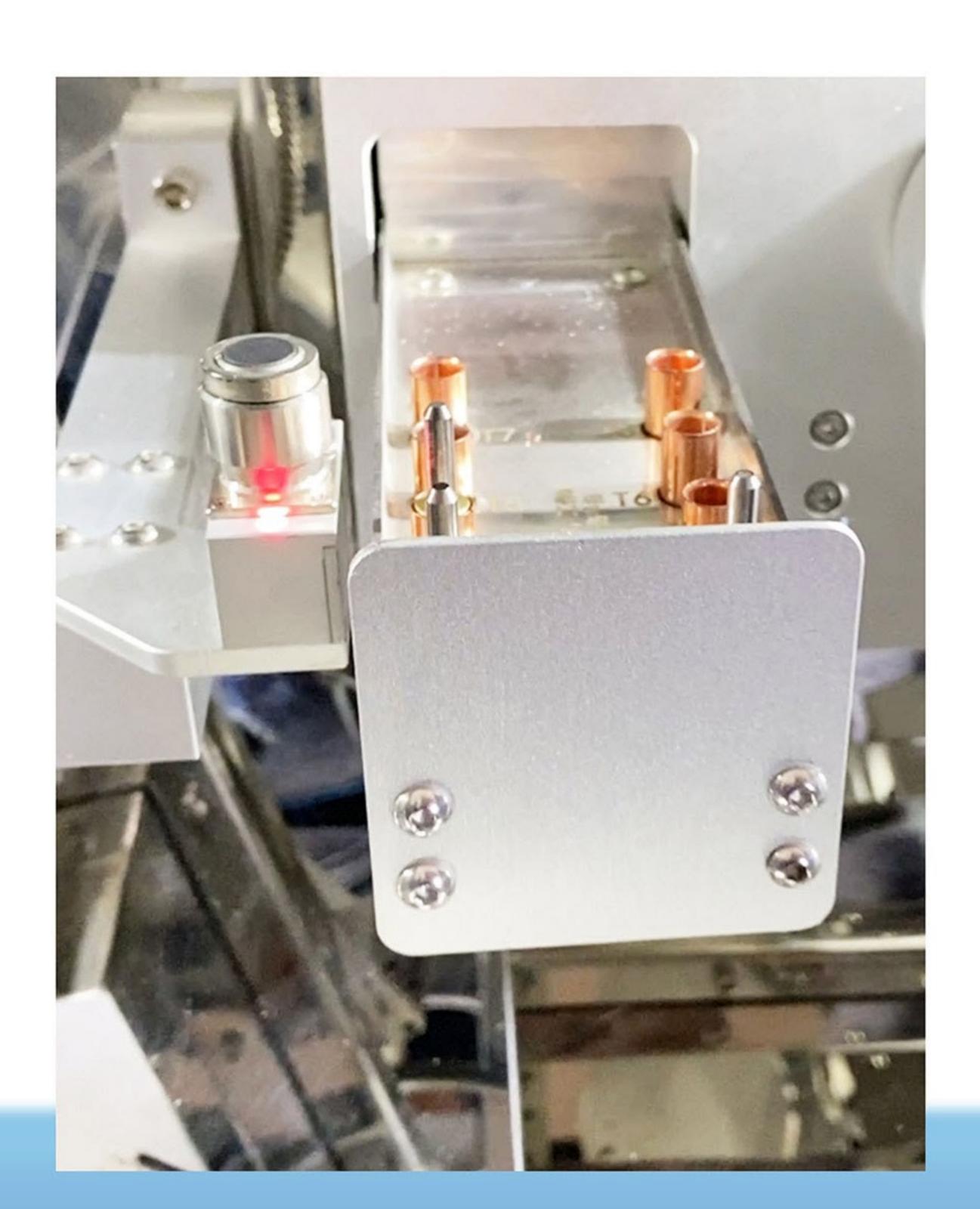
01

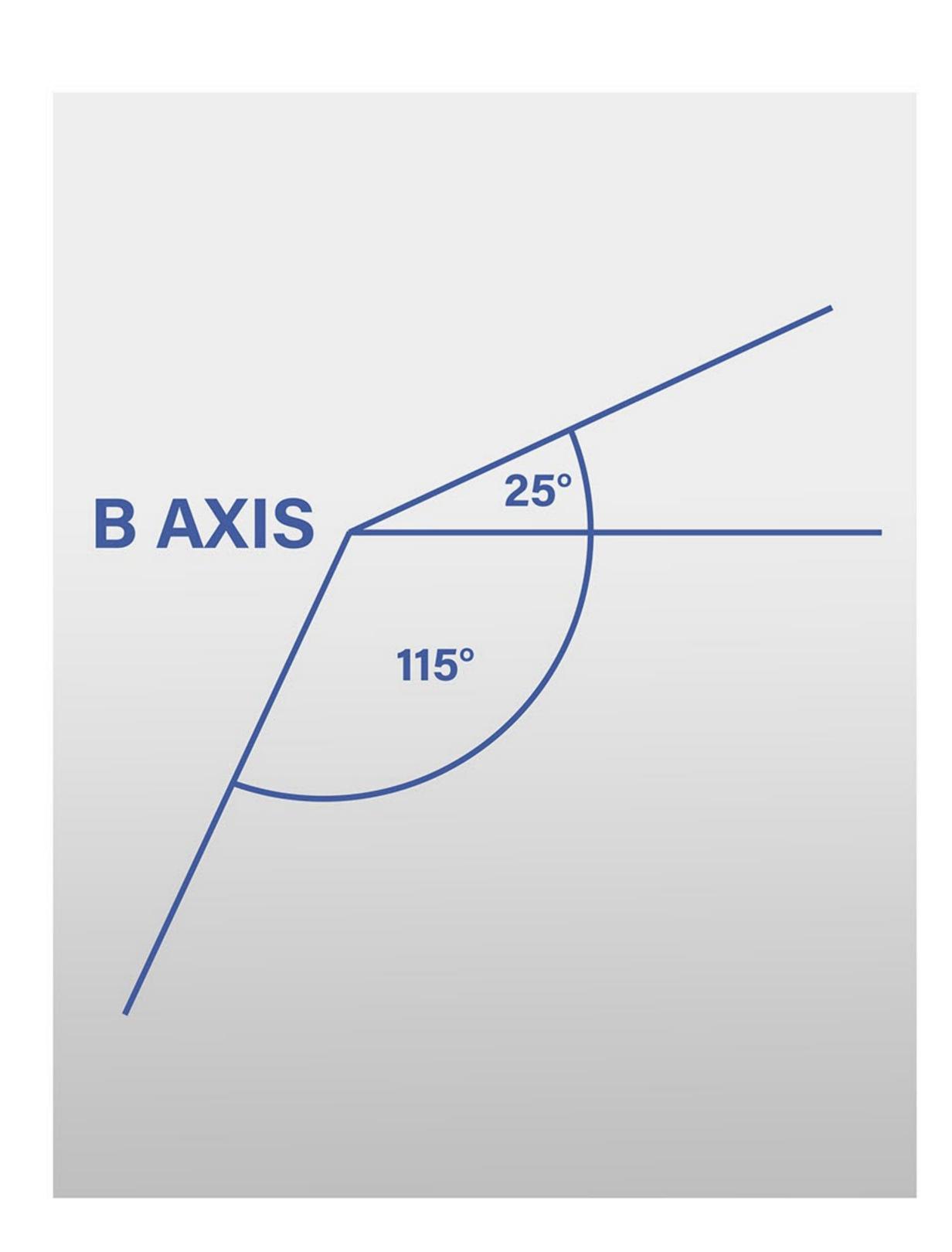
C5 milling machine has a unique 100°blank holder, and when you use C5 milling machine, you can save 30% dental material



02

C5 milling machine has a retractable tool magazine which protects the milling burs , and the milling would be more accurate







03

The A axis is ±360°, B axis is +25° to -115°. The big rotation range ensures a wide angle of milling



04

C5 milling machine use first-class spare parts, and the milling is fast and stable



The development of Zotion milling machine





The 550 milling machine:

The 550 milling machine came on the market in 2012, it is the first 5 axis dental milling machine in China. And many of them are still in operation.



The N550 milling machine:

The N550 milling machine was produced in 2017, the machine is smaller and faster.



The Ideal mill milling machine:

The Ideal mill milling machine was produced in 2018, the machine is smooth and fast.



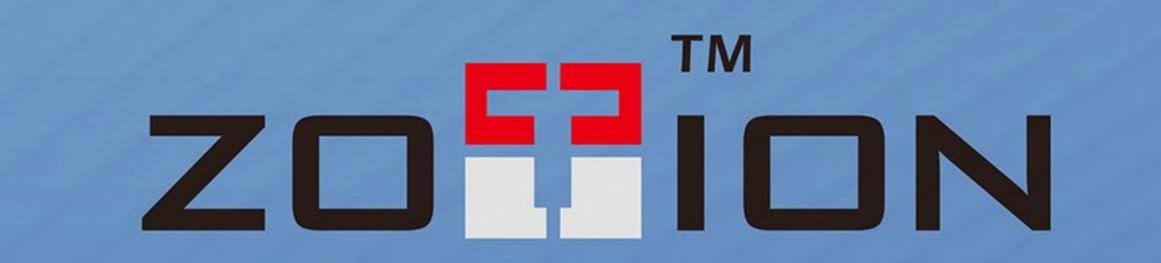
The C5 milling machine:

The C5 milling machine was produced in 2020. It is the new generation of milling machine for dental labs .The design of the machine is outstanding in the industry.

Parameters



Milling materials :	dental zirconia block,wax,PMMA,PEEK
The size of the milling material:	98mm,98.5mm and the max thickness is 80mm
The max speed of Xyz axis: Z axis: Xy axis:	4000 mm/min 6000 mm/min
The Maximum speed of the spindle:	6000-60000 ratotation/min
Rotation range:	A axis ±360°, B axis +25° to -115°
Tool change:	Automatic tool change(ATC)
The amount of milling burs:	8
Size of the milling burs:	Shank diameter 4*56 mm
Control instruction set:	NC code
Program interface:	USB 2.0 ,100M internet access
Power consumptions:	220 v ±10%, 50/60 Hz
Noise-pollution level:	standby period: within 45 decibels, running: within 70 decibels The data was tested by UT353, the level of the noise varies when different material is used
Installation condition:	indoor installtion, altitude: below 2000 meters,
Temperature:	5 to 40 degrees
The size of the machine:	470mm*560mm*650mm
Weight:	90 kg



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