stomdevice

Plus Mill MG5D

DRY TYPE



PLUS MILL MG5D is 5axis milling machine specialized for zirconia.
It is basic but strong and solid machine with stable components like LM guide and Ball screw so **PLUS MILL MG5D** can get high-quality result even for long working hours.
PLUS MILL MG5D can mill various types of designs like zirconia abutment, full crown bridge, undercut and so on minutely through simultaneous 5axis motion.

Available materials

- ZIRCONIA
- PMMA
- WAX
- HYBRID CERAMIC

Available types

- Inlay, Onlay, Copping(Bridge), Crown(Bridge), Veneer, Zirconia Abutment



±25° tilting in A axis and free in B axis

A and B axis are tilting ± 25° each so detailed under-cut milling is available. In addition, PLUS MILL MG5D also can get great result for full mouth bridge and abutment milling.

Tool & Automatic tool change

7tools can be put on tool pockets and diamond coating ball end mill tools of 2mm, 1mm and 0.5mm are available.

Automatic tool change is available through tool touch sensor which is installed in front of tool pocket.





Powerful Spindle

Spindle is self-developed by Dental Plus over lots of efforts for research, so it is the most suitable for zirconia milling.

It has low noise and can get stable outcome even for long working hours.

Specification of spindle

RPM: 30,000 / Power: 450W

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PLUS DENTAL
DENTAL CAD CAM SYSTEM

Basic, but non-basic performance



Why?
You need to choose MG5D!

- Basic machine but with non-basic performance by simultaneous 5axis milling.
- Anyone can use easily with easy and convenient maintenance/repair.
- Appropriate machine for any size of laboratories so various customers can satisfy with.
- Advantageousness for using through automatic tool changer and tool sensor.
- Easy and good-looking interface so anyone can use and control easily.
- Secure spatiality through embedded screen and PC. (minimize the limitation of space)
- Milling for long hours is available so it can draw maximum productivity.
- Available for undercut milling for detailed part with simultaneous 5axis motion.
- Milling for every kinds of zirconia without chipping .
- Fast and precise milling makes customers save working hours.



Size	405x510x450 mm
Weight	50kg
Spindle	30,000RPM / 450W
Tool Pocket	7ea / Tool Shank Size: Ø4
Axis	Simultaneous 5-axis
Motor	Stepping motor
Automatic tool change & calibration	

Milling Result


Zirconia bridge


Zirconia abutment


98.5mm zirconia


98.5mm PMMA Full abutment bridge

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