

5-AXIS DENTAL CAD/CAM MILLING MACHINE

SDM6T-Mini



- Product information
- Fixture display
- Case display

SDM6T-Mini PRODUCT INTRODUCTION

SDM6T-Mini is a very cost-effective 5-axis dental milling machine suitable for dental clinics or dental laboratories. It supports dry and wet cutting and can efficiently work with zirconia, titanium alloys, pure titanium, cobalt-chromium alloys, and premill, glass ceramics, PMMA, PEEK, wax and other materials, and equipped with a multi-functional clamp, it is compatible with 98mm and 98.5mm diameter discs, C14 Glass Ceramics, Arum and Medentika titanium premills.

CAD/CAM DIGITAL PROCESSING



KEY FEATURES



This system supports international ISO standard G code, compatible with popular CAM software, such as HyperDent, SUM3D Dental.



Excellent and simple man-machine interface, touch screen control, simple operation, unique CAD/CAM processing strategy, no need for professional CNC programmers, one-button operation, stable operation.



The body structure adopts the industrial standard cast iron and cast aluminum structure, high rigidity, no deformation, stable precision, long service life. The mechanical transmission part adopts Taiwan/Germany C3 grade high precision ball screw and P grade linear guide rail.

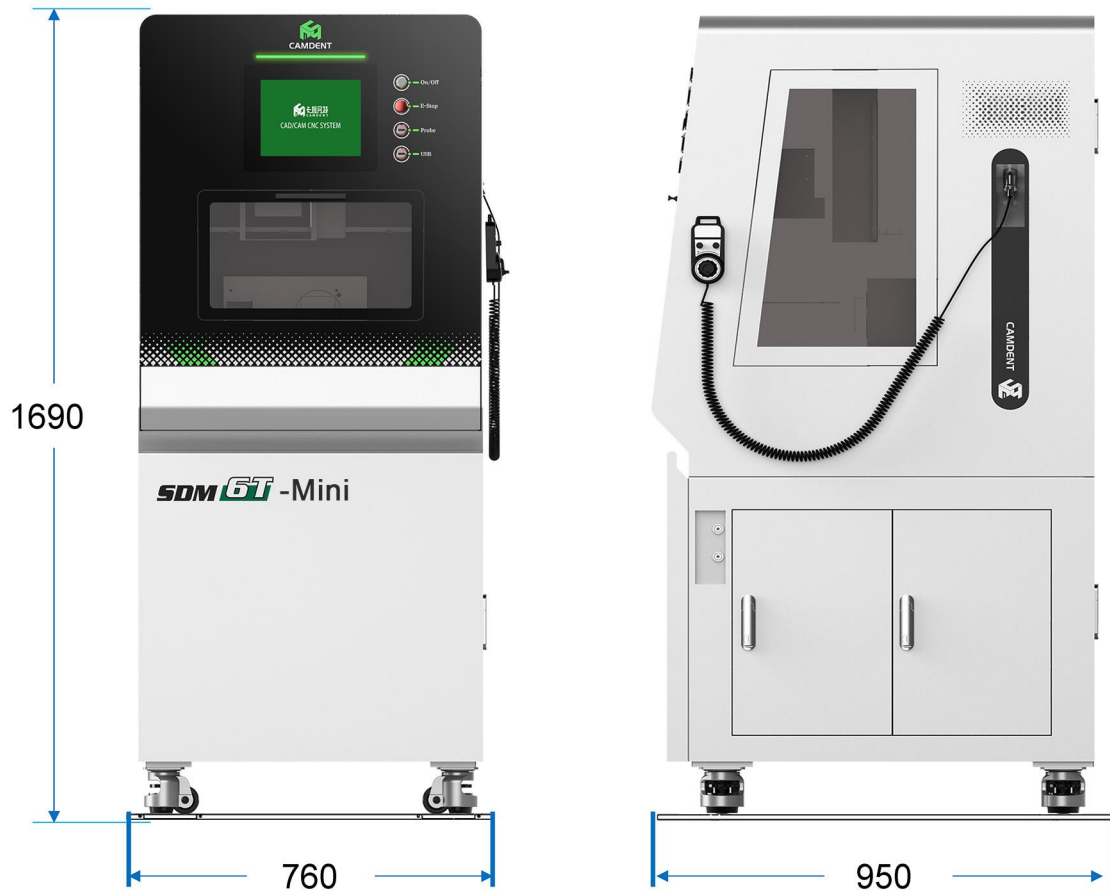


It adopts high power frequency conversion and high speed tool changing spindle with large torque, high precision, and it can process various materials with high efficiency.

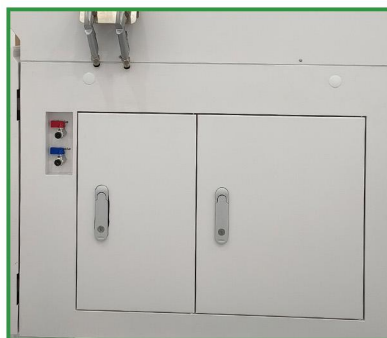
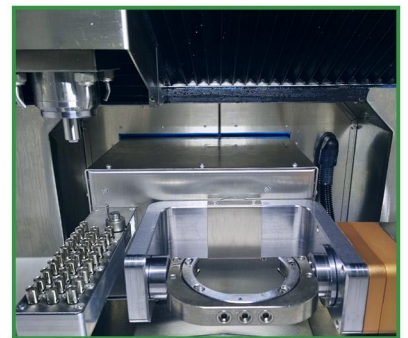
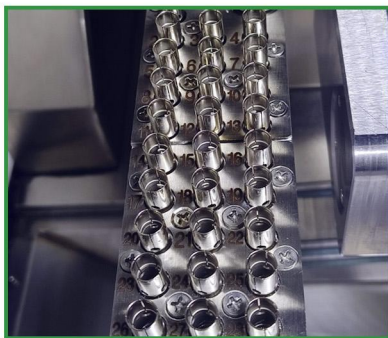


This machine is completely developed and designed by us, so we can provide customers with OEM service

SDM6T-Mini PRODUCT SIZE



SDM6T-Mini PRODUCT HIGHLIGHTS

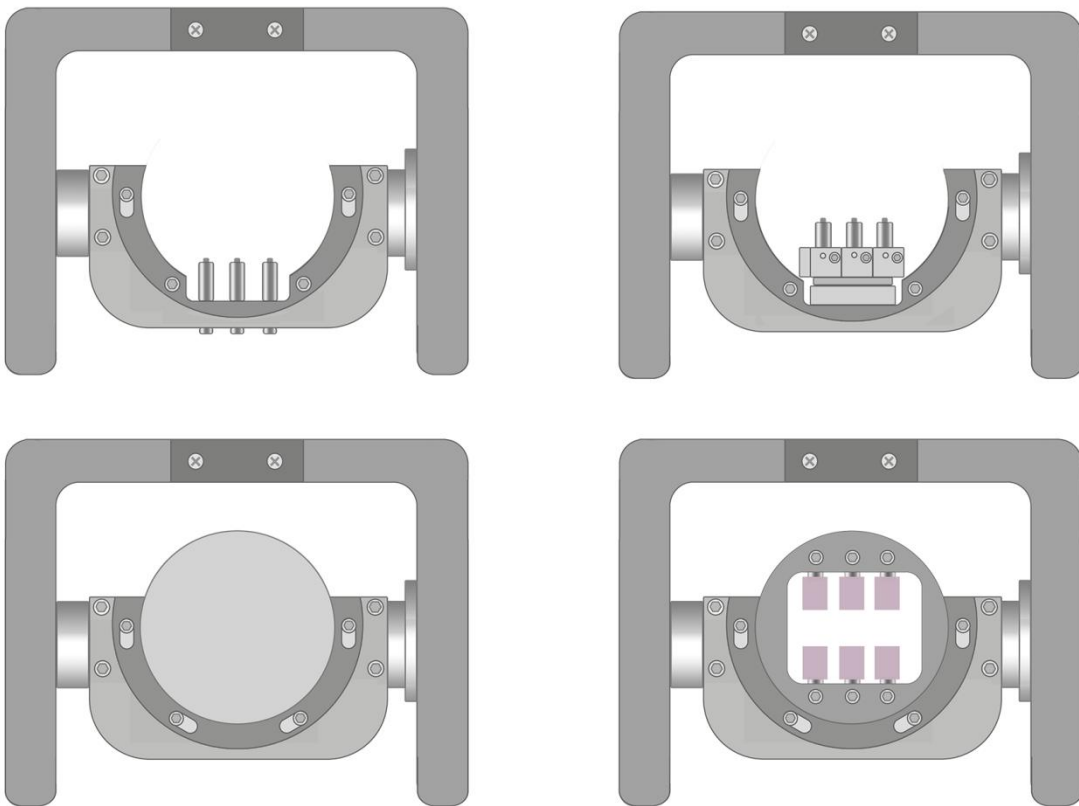


MILLABLE MATERIAL



Titanium Zirconia Wax PMMA PEEK Titanium column E-Max

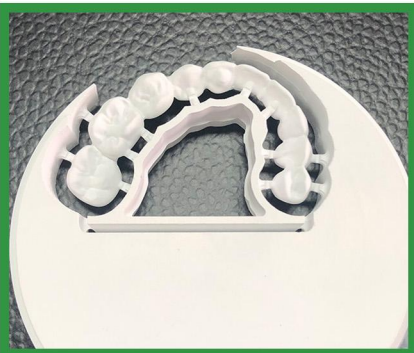
SDM6T-Mini HOLDER



PRODUCTS INDICATIONS



SDM6T -Mini CASE



SDM6T-Mini PRODUCT DETAILS

Name		5 Axis dental CAD/CAM milling machine
Model		SDM6T -Mini
Milling mode		Wet /Dry
Millable material		Titanium, CoCr,Premill,Glass Ceramics,Peek, Wax,PMMA, Zirconia,
Indications type		coping/crown,inlay/ onlay,abutment /implant bridge, veneer, premilled abutment,customized abutment , partial framework,surgical guide,model,full denture
Spindle power		3KW
Speed of spindle		3000-60000rpm/min
Spindle cooling		Water-cooled
X/Y/Z axis motor		Servo motor
A/B axis motor		Servo motor with High precision slope gear reducer
Rotation range	A axis	±360°
	B axis	±40°
Number of burs(Tools) housed		28pcs
Attachable bur(tool)	shank diameter	6mm
	Length	50mm
Tool change and check		Fully automatic
Compatible compressed air		0.6MPa
Loadable workpiece shape		
Disc	External Diameter	98~98.5mm
	Max Height	30mm
	Min. Height	10mm
External dimensions	Length	760mm
	Width(Depth)	950mm
	Height	1690mm
Packing dimension		1150mm*1050mm*1970mm
Net Weight		700kg
Input Voltage		Single-phase 220V 50Hz/60Hz
Control command set		NC code
Positioning accuracy		0.005mm
Average milling time(single crown)	Zirconia	8-15 min
	Wax	3-6 min
	PMMA	8-10 min
	Titanium	10-15 min