CAMDENT

SHEN ZHEN CAMDENT MEDICAL TECHNOLOGY CO, LTD





CDM5Z

-Dental Zirconia milling machine

INSTRUCTION MANUAL

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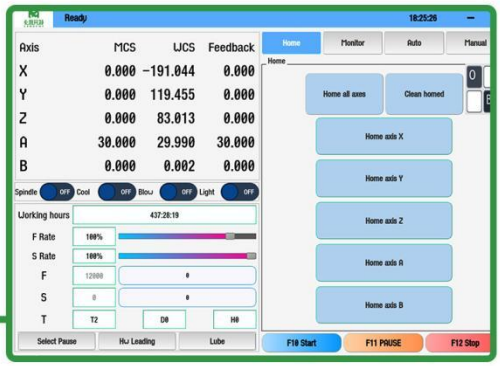
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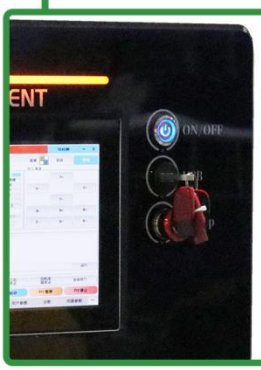
01. Equipment Introduction

1. CDM5Z Product Introduction



Control Panel



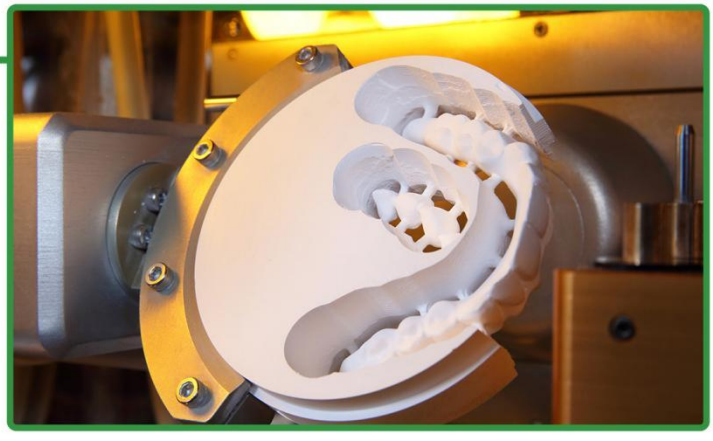


Power on/off

USB interface

Emergency button

Workplace





Back Barometer



Back



①Gas source

②Network port

③Power interface

④Switch

⑤Vacuum cleaner interface

02. Installation Environment

1. CDM5Z installation environment confirmation

Since this product is a high-precision metal milling machine, it has certain environmental requirements. Please confirm the following installation environment requirements before installation to ensure that the machine can operate normally.

Classification	Influencing factors	Specific requirements and instructions
Indoor environment	Temperature	18℃~28℃
	Ventilation	Ventilate regularly, Keep indoor air clean
	Environment	clean
	Illumination	No direct sunlight or exposure
Electrical environment	Voltage	220V
	Frequency	50HZ/60HZ
	Air pressure	0.6Mpa

03. Equipment accessories and installation

1. CDM5Z equipment size



2.CDM5Z equipment accessories list

	Camdent CDM5Z equipment accessories list			
picture				
name	CDM5Z Dental milling machine	Air pipe	Dust collector pipe	Air Filter
quantity	1	1	1	1

*This list is the standard accessories that should be included in the package, and does not include other accessories you choose or use instead

2. CDM5G equipment accessories list

2.1 Tool Box List



Toolbox opened diagram

Packing list

Item	Name	Specification	Quantity	Unit	Remarks
1	Machine body	CDM5Z	1	Set	XOUT002226-1
2	Socket head wrench	3MM	1	pc	
3	Special Spanner		1	pc	
4	Power cable	2m, 2.5m²	1	pc	
5	Brush		1	pc	
6	Wax disk	98*12mm blue	1	pc	TOOL BOX
7	USB flash drive	32GB	1	pc	
8	Key for CDM5Z		1	pc	
9	Spare part for vacuum port		1	pc	
10	Cleaning brush	For collect	2	pcs	
11	Stainless steel pipe	8*0.15*20mm	1	pc	
12	Air filter	AFR20001	1	pc	
13	Air tube	black	1	pc	
14	Dust cleaner tube		1	pc	

Checklist (in toolbox)



Power cable



Screwdriver



Small brush



brush



USB flash drive



Vacuum Port Spare Parts



Collet removal wrench



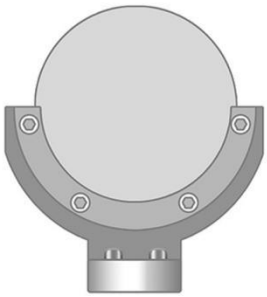
Stainless steel pipe

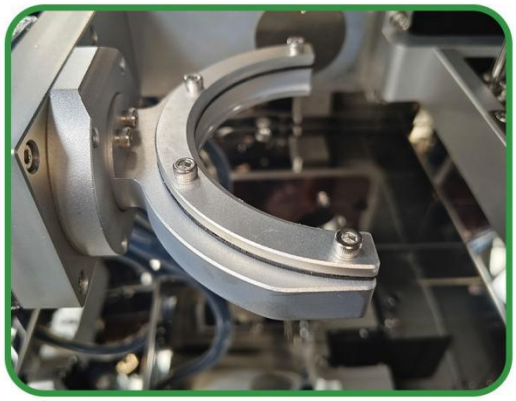


Wax disk

2. CDM5Z equipment accessories list

2.2 CDM5Z clamp display





3. CDM5Z Equipment Installation Guide





1. Open the packaging box and check whether the device is damaged.

	卡姆丹特CDM5Z 设备配件清单			
图片				
名称	CDM5Z 切削机	空气管	除尘器管	空气过滤器
数量	1	1	1	1
单位	台	根	根	个

*此清单为包装箱内应包括的标准配件，不包括您选用或改用的其他配件

2.Check the accessories according to the packing list。



①Gas source
②Network port
③Power interface
④Switch
⑤Vacuum cleaner interface

3. Connect the power cord and gas supply system as required and turn on the switch.

04. Equipment Operation Guide

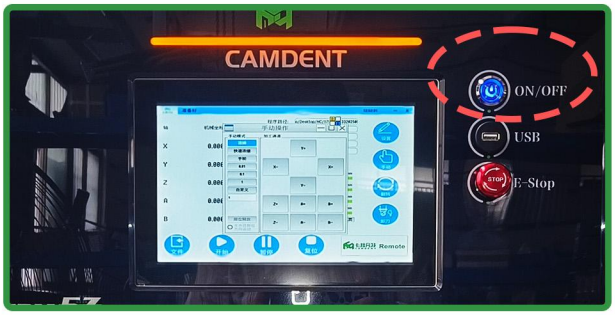
1. CDM5Z User Guide

(Preparation before startup)

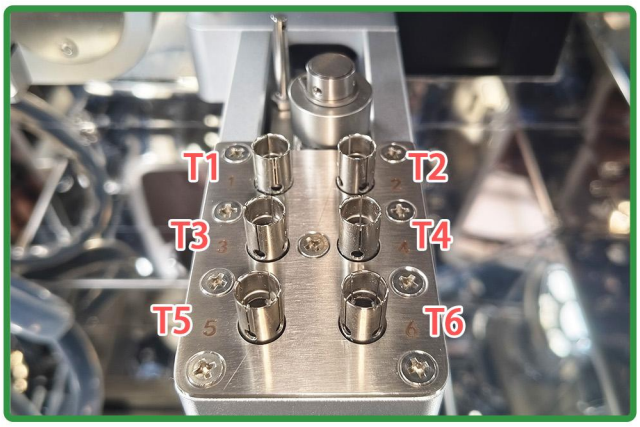


Step1. Check the air pressure.
The normal air pressure is about 0.6MPa.

Step 2. After turning on the power, turn the power button to turn on the device.

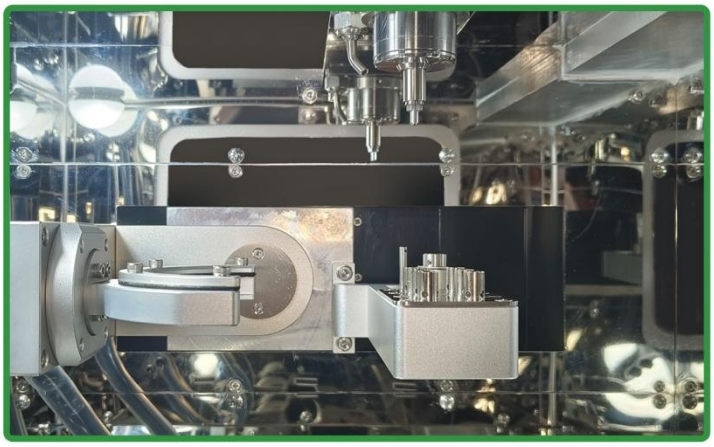


Step 3. Place the needle according to the position marked on the tool magazine.



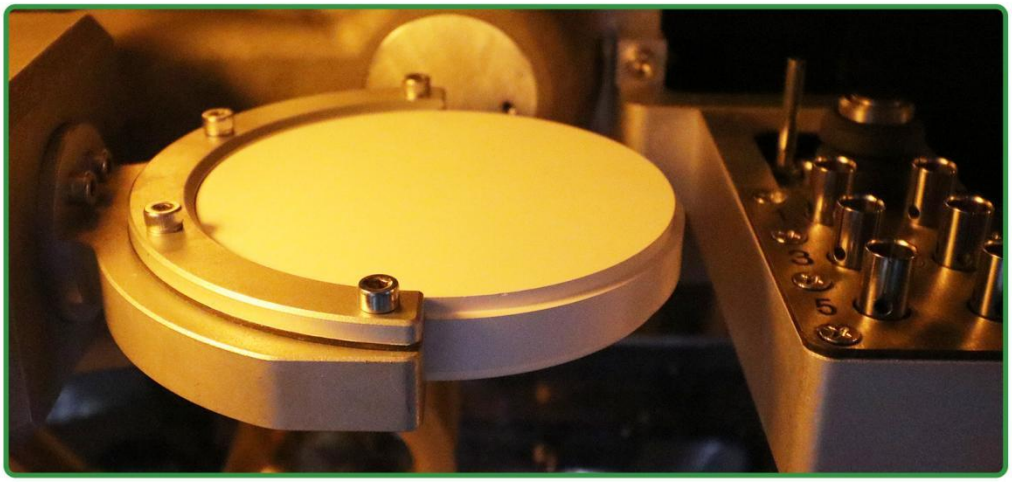
Step 4. Check whether the machine's knife gripping condition is consistent with the control panel.





*T0 refers to the no-knife state。

Step 5. Install the material tray.



Step 6. Select the file and click to start processing.



2. Precautions for using SDM6T



1.It is strictly forbidden to open the working chamber during processing。



2.During processing, you need to wait until the machine stops completely before picking up the finished parts.



3.Regular maintenance and cleaning



4.Check the water tank and fuel tank before use

3. Problems and solutions after SDM6T alarm



1.The brake system is not turned on.

Click the reset button to reset the system.

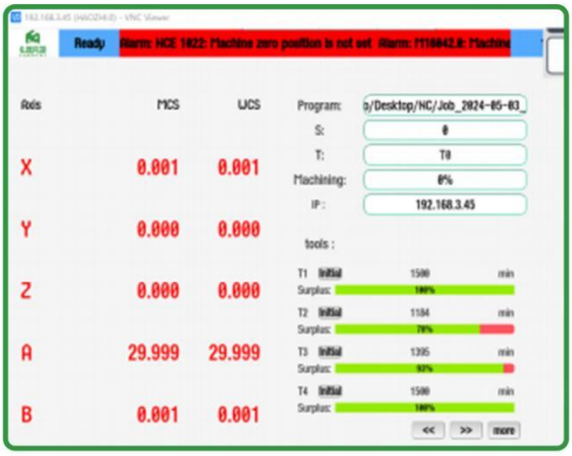
2.Insufficient air pressure

Check whether the air compressor and air pipe are normal, and check whether the air pressure reaches the 0.6MPa required by the machine



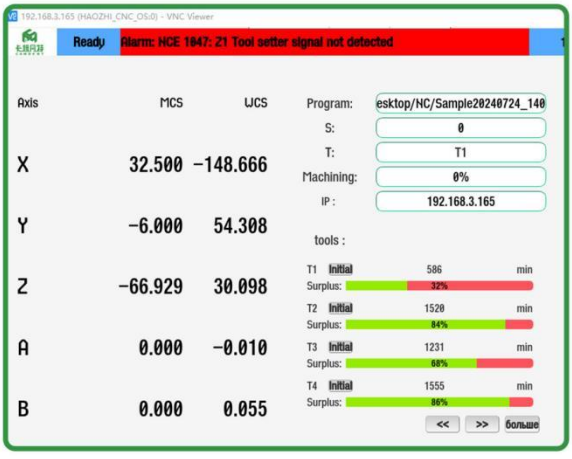
3.The machine zero position is not set

Click the home button to solve it.



4.No tool setting signal is detected

Check whether the tool is broken and replace it in time.



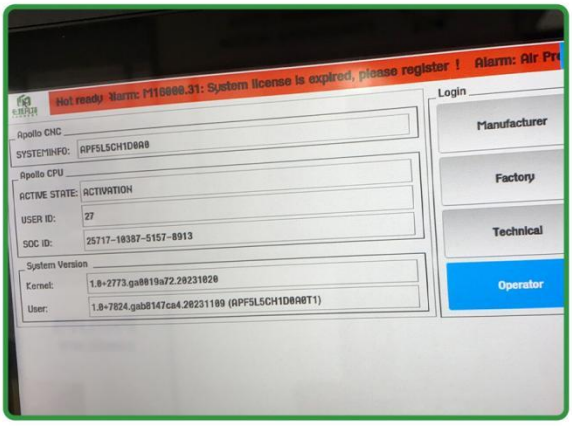
5. Forward software limit/position limit

Click the reset button to reset.



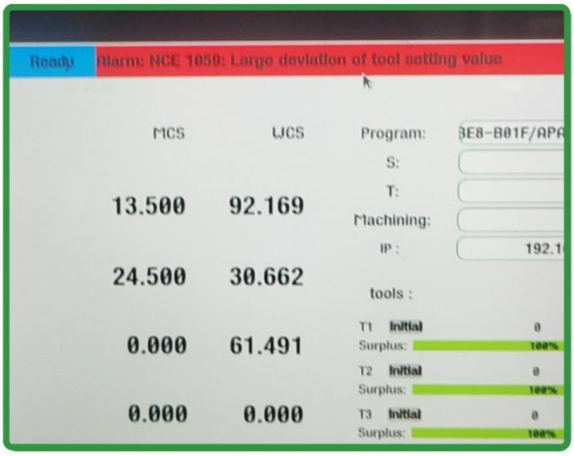
6. The information has expired, please register in time

Ask the technician to obtain new license information.



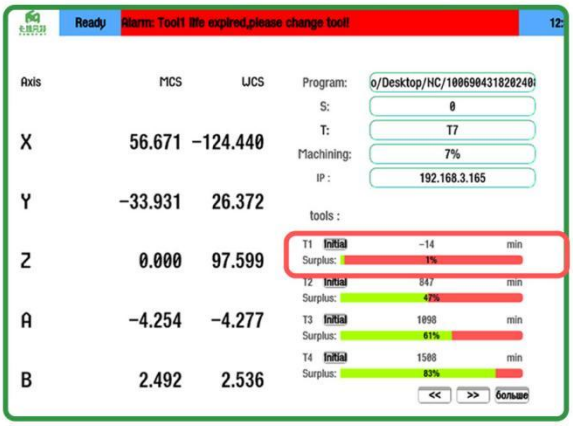
7. The tool setting value has a large deviation. Please check and re-set the tool.

Check if the tool is broken. Replace the tool and re-set the tool.



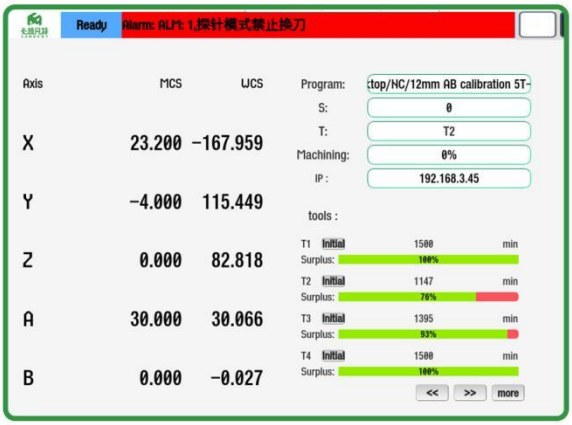
8. Tool life is 0

Check and replace the tool, and initialize the life value in the tool life



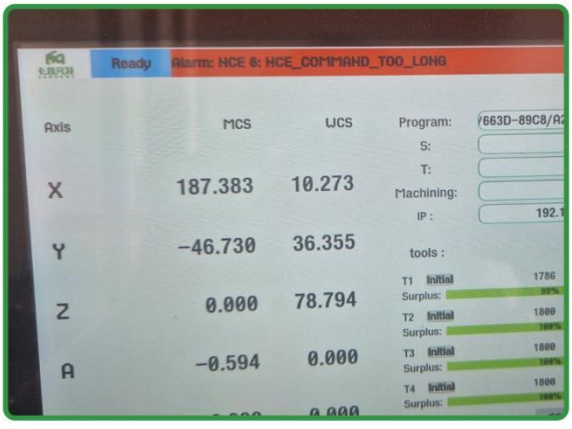
9. Unable to change tool in probe mode

Check the Probe interface and remove the USB flash drive or data cable from the interface.



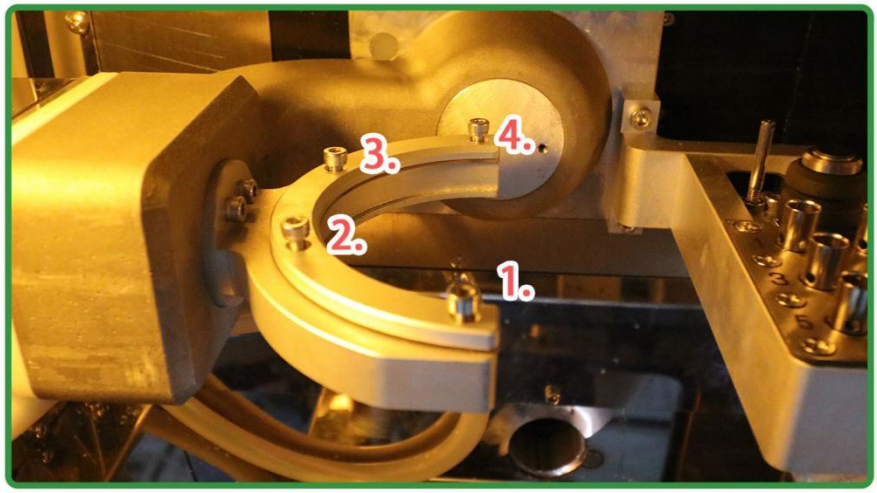
10. The file was not copied completely.

Please re-import the NC file into the machine.

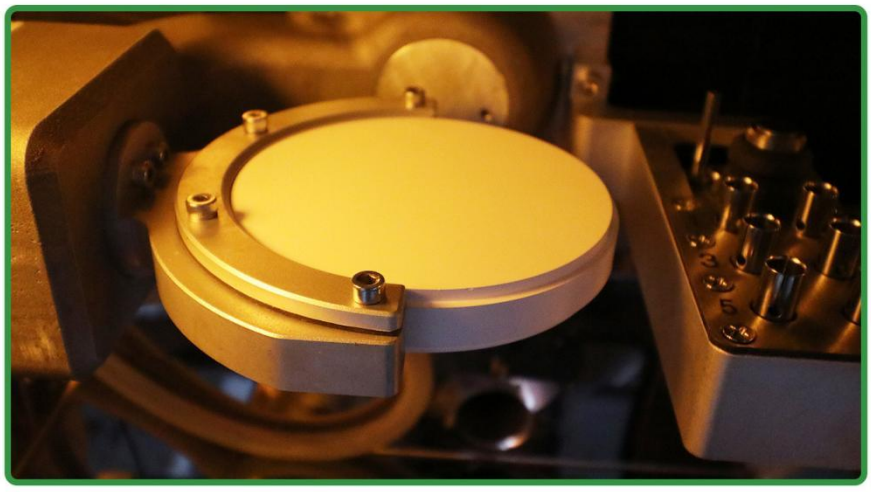


Mounting disc

step1. Loosen the screw



step2. Place the tray and tighten the screws.



It is not necessary to remove all the screws to remove the material tray. Just loosen the screws slightly, remove the pressure cover and then remove the material tray.