

# **5Z operation interface function description**

# manual mode

**Current tool number :** The spindle is currently using the tool number

**A0/A90:** The A-axis is flipped to the A0 or A90 side

**B0/B180:** The B-axis is flipped to the B0/B180 face

**Change the tool number:** Spindle to be changed tool number

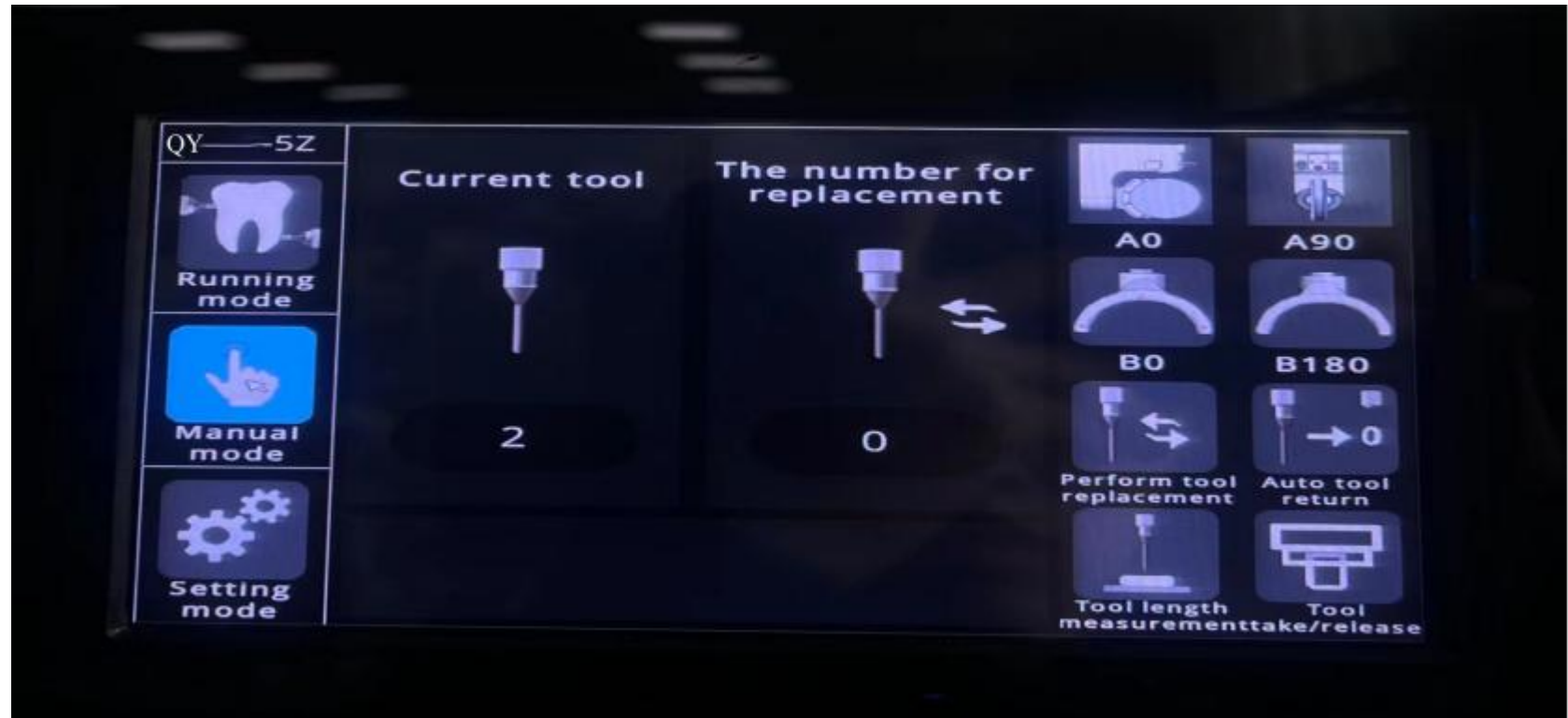
**Tool changing:** Replace the tool currently held by the spindle with the tool number shown by the replacement tool number

**Return the tool:** Put the tool currently held by the spindle back into the tool library

**Tool matching:** Detect whether the spindle is clamping and the length of the clamping tool

**Loose grip tool:** Spindle chuck open/close

**Note: When performing the operation of one-click tool return, tool set, and tool change, it is necessary to confirm whether the current tool number displayed by the spindle is consistent with that of the current tool number. !!!**



# automatic mode

**Download NC:** Transfer NC file to device via USB flash drive

**Time:** Equipment processing time display

**NC Record:** Transfer NC file to device via USB flash drive

**Speed:**Equipment operating speed

**Back to origin:**The device returns to its original position

**Current tool number :** The spindle is currently using the tool number

**Loose clamping workpiece:** Spare (no need to move)

**Start:** The device is running



# setting pattern

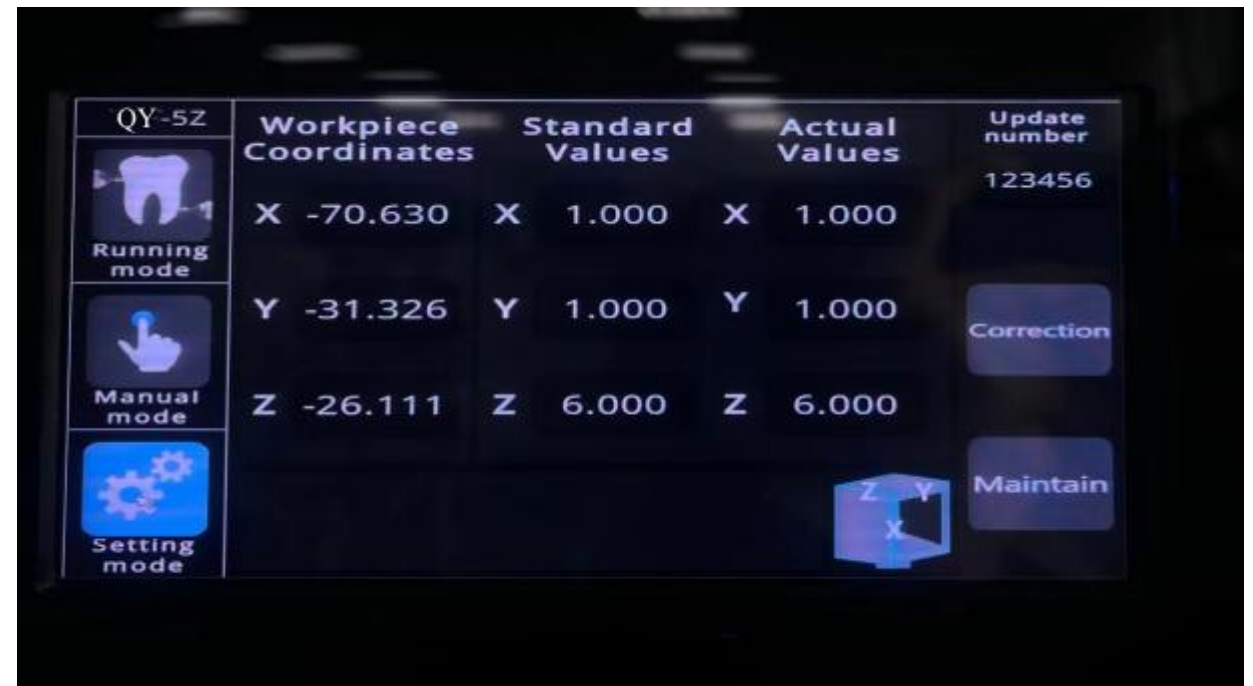
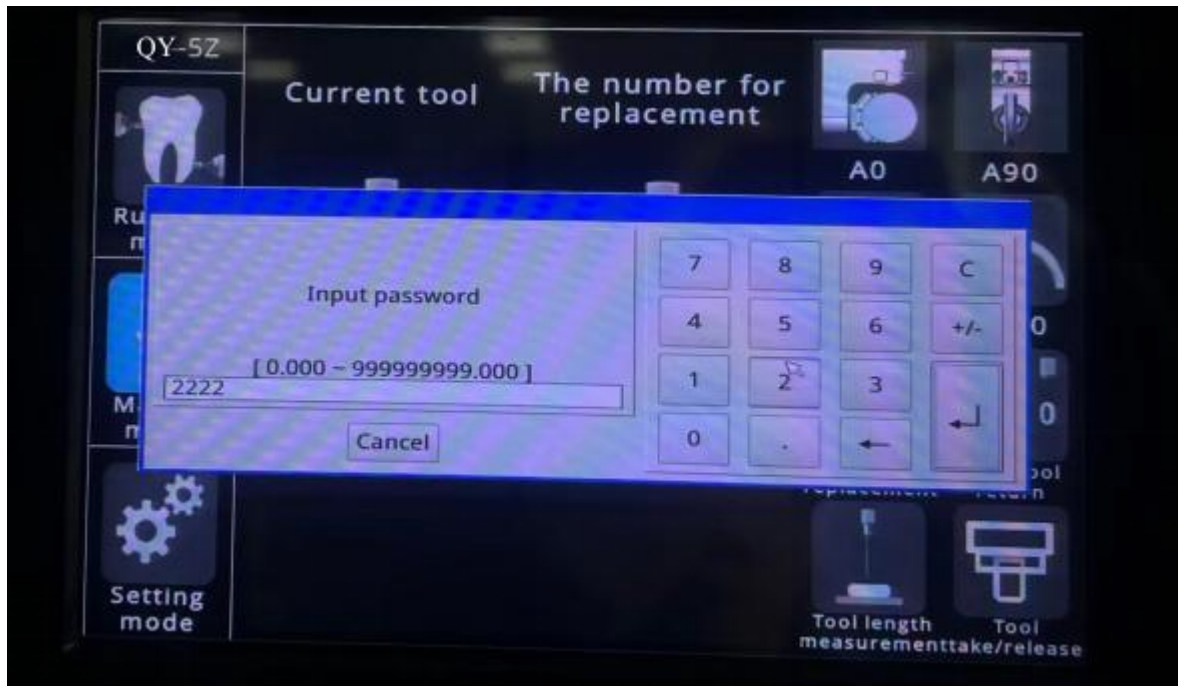
(Enter the setting page Password 2222)

**Job coordinate:** job coordinate parameter

**Calibration:** Calibrate workpiece coordinates

**Calibration value:** Calibration block measurement standard

**Actual value:** The actual measured value of the calibration block **Maintain:** (Dedicated to system development )



**operation procedure**

Turn on the power button on the lower left rear of the device and wait until the device prompts you to return to the origin

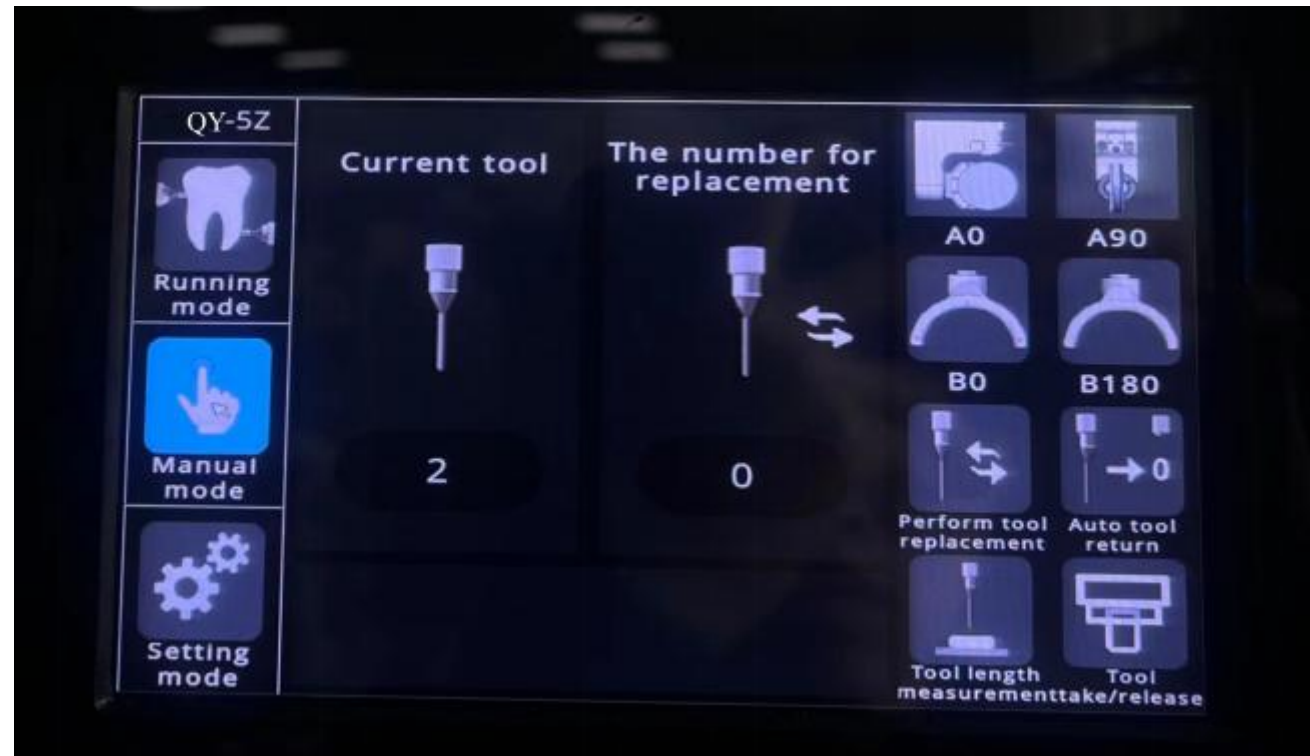


Tool change

# Automatic tool change

Display click to manual mode , click  key , Wait for the device to return the tool to the tool store.

When the prompt "**Action complete**" is displayed, pull out the tool from the tool library and insert the new tool into the corresponding tool library position. When the device is running again, the device will automatically pick up the tool



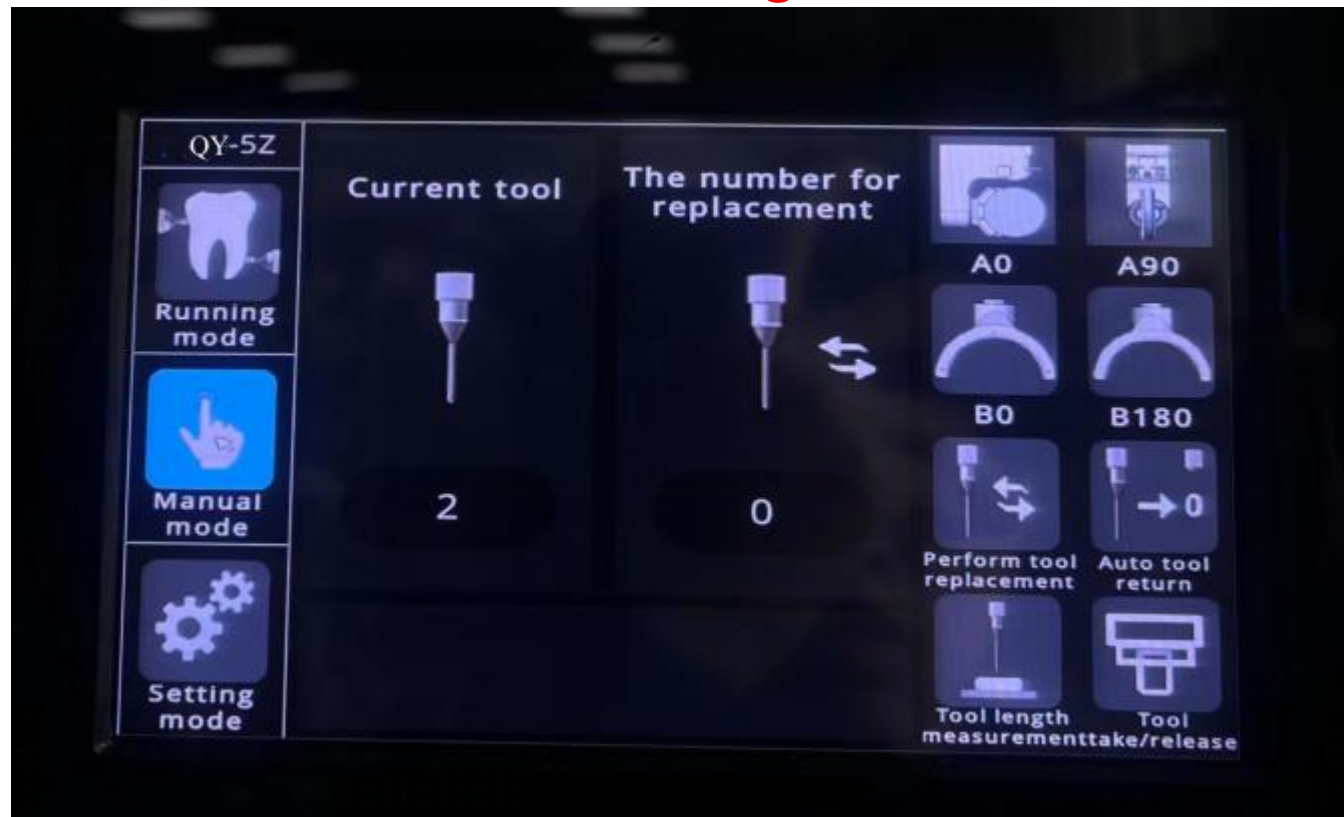
# Manual tool change

Switch to manual mode on the display screen, click the tool number to be replaced and enter the tool number to be replaced. After entering the tool number, Press the button to make the change take effect

Click change tool  key , Wait until the tool change is complete



**Note: When performing manual tool change operation, ensure that the tool number displayed by the current tool number is consistent with the tool number currently held by the spindle before manual tool change! ! !**



# Matters needing attention

- Before running the device, ensure that the tool number currently held by the spindle is the same as the tool number on the display screen, and the tool library is correctly placed
- **Do not open the door during operation ! ! !**
- In case of emergency, press the red emergency stop button in front of the device to stop the operation of the device
- After replacing the new tool, the new tool must perform a "tool set" operation before running the device
- You can change the current tool number of the device in manual mode. If you need to change the current tool number, make sure that the changed tool number is the same as the tool number currently held by the spindle
- After the device is shut down or restarted, data needs to be transferred again before the device can run