

# CNC CONTROLLER



## LATHE/TURNING, MILLING CONTROLLERS

### TURNING-2,3,4,5 AXIS

### MILLING-3,4,5,6 AXIS



Lathe Controller is based ARM9+FPAG large scale CPU and processor ,7" TFT display,Meet 2 Axes lathe machine. this controller support ISO G codes, Macro program and PLC ladder, very flexible for unstandard function

design.Support standard RS232 and USB port, support U disk documents operation, system configuration and software

Milling controller is a new generation of CNC system developed by TOMATECH.As the upgraded version, it supports milling, boring and drilling cycle. It employs 32 bits high-capability CPU and very large scale programmable device FPGA, applies real-time multi-task control technology and hardware interpolation technology, and is able to perform  $\mu$ m level precision motion control and PLC logic control



design.Support standard RS232 and USB port, support U disk documents operation, system configuration and software



**TAC-1002T:**

Controls; 2 (X, Y)  
 Linkage: 2 axes; 2  
 analog spindles  
 Display : 7.0 inch  
 wide-screen LCD, 800×480 lattice.



Program Size: 56MB, it can store 400 programs  
 (includes sub-programming, Marco programming)

**TAC-1003M:**

Controls; 3 (X, Y, Z)  
 Linkage: 3 Feeding  
 axis functions  
 Display : 7.0 inch



wide-screen LCD, 800×480 lattice.  
 Program Size: 56MB, it can store 400 programs  
 (includes sub-programming, Marco programming)

**TAC-1003T:**

Controls; 3 (X, Y, Z)  
 Linkage: 3 Feeding  
 axis functions  
 Display : 7.0 inch



wide-screen LCD, 800×480 lattice.  
 Program Size: 56MB, it can store 400 programs  
 (includes sub-programming, Marco programming)

**TAC-1004M:**

Controls; 4 (X, Y, Z)  
 Linkage: 4 axes; 2  
 analog spindles  
 Display : 7.0 inch



wide-screen LCD, 800×480 lattice.  
 Program Size: 56MB, it can store 400 programs  
 (includes sub-programming, Marco programming)

**TAC-1004T:**

Controls; 4 (X, Y, Z+1)  
 Linkage: 3 Feeding  
 axis , 1 Spindle  
 Display : 7.0 inch  
 wide-screen LCD, 800×480 lattice.



Program Size: 56MB, it can store 400 programs  
 (includes sub-programming, Marco programming)

**TAC-1005M:**

Controls; 5 (X, Y, Z)  
 Linkage: 5 axes; 2  
 analog spindles  
 Display : 7.0 inch



wide-screen LCD, 800×480 lattice.  
 Program Size: 56MB, it can store 400 programs  
 (includes sub-programming, Marco programming)

**CNC4620:**

Controls; 2 (X, Y)  
 Linkage: 2 axis inter-  
 polation linkage  
 movement  
 Display : 7.0 inch



wide-screen LCD, 800×480 lattice.  
 Program Size: 56MB, it can store 400 programs  
 (includes sub-programming, Marco programming)

**CNC4960:**

-6 axis interpolation  
 linkage movement+  
 Spindle Position /  
 Analog control;  
 -6 stepper / servo  
 motor control;  
 -Independent servo spindle, A,B,C axis can be  
 linear ,rotary axis

