



for a greener tomorrow



Mitsubishi Electric's M80 CNC Simulator

Equipment Description

M80A Full CNC Simulator (100V-220V)

Introducing the Mitsubishi CNC Simulator with multi-point touch screen. This CNC simulator is specified with the same equipment that one would find on a standard CNC Machine with Mitsubishi Electric's state-of-the art M80A control that comes with all available options active. This simulator is also convertible from a Mill to a Lathe with a simple parameter change!

Uses

Great for classroom environments. Learn how to run a CNC machine without the fear of crashing. Learn simple programming operations such as setting tool and work offsets, testing variables, adjusting parameters, and so much more.



Software

- Mitsubishi NC Monitor S/W (free)
 - Monitor CNC Screens remotely
- Mitsubishi NC Explorer S/W (free)
 - Upload/Download from a PC (drag and Drop)
- FTP (non-Mitsubishi S/W)
 - Push and Pull programs from a PC on the network from the CNC
 - (FileZilla is recommended)

Standard Options

- Touch Screen
- USB and SD card interface
- 512kb memory
- Programs can be stored, created, edited, run from SD and USB memory
- Ports for Ethernet and RS232
- High Speed Machining (G05 P20000)
- 3D/2D Part simulation
- Data Server
- Full QWERTY style key panel with clear resin keys
- Able to run 4+1 or 3+2 axis programs
- Tool Center Point control (3 linear + 1 rotary axis)
- Full set of canned cycles for drilling applications
- Navi Mill/Lathe Conversation Programming
- Interactive Cycle Insertion (Icon based programming)

MITSUBISHI ELECTRIC AUTOMATION, INC.

500 Corporate Woods Parkway, Vernon Hills, IL 60061
Ph 847.478.2500 • Email: CNCtraining@meau.com

us.MitsubishiElectric.com/fa/en

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