

# UMC111 Control Unit



## NeedleMark™ Marking Systems

Our UMC111 marking control unit is a quality engineered product that controls our NeedleMark™ line of marking heads. The UMC111 can be setup in five minutes, runs multiple marking heads, and has an IP54 industrial housing. Communication is achieved through a network, PLC, or Profibus, while the WYSIWYG display gives instant feedback on what will be marked.

### Options

- Network communications
- Non-English languages available
- Custom software

### Technical Data

Components	19" IP54 industrial housing, integrated PC control
Keys	External PC keyboard or integrated foil keys
Interface	2 serial, 1 parallel, VGA graphics adapter, 3.5" disk
Memory and Storage	4MB, 500MB storage minimum
Motor Drive	2 axis motor control (Optional 3rd axis available)
Input/Output	8/8 digital I/O, electrically isolated, 24V
Display	Monochrome VGA LCD display
Dimensions	17.5 x 19.0 x 7.0 in.
Weight	33 lbs.

### Software

Program Function	Intuitive, easy to learn, menu driven
Operator Interface	WYSIWYG graphics display
Operator Input	Standard PC keyboard or integrated foil keys
Data Transfer	RS-232
Character Height	Programmable from 0.5 to 99.9 mm
Character Width	Programmable to half, full, and double width
Character Spacing	Programmable from 0 to 99.9 mm
Marking Position Area	Choose either input or teach - instant preview
Marking Direction	Horizontal, vertical, any angle, any arc
Additional Functions	Automatic date, time, shift, and other codes
Symbols	Easy import of logos and symbols



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