

## HMI for Universal Machine or Network Interface for Machine Monitoring and NC/CNC Machine Tools

### Features:

The Mx2000 Hand Held Terminal was created to give a certain otherwise incapable CNC's the ability to run DNC from a remote computer host. Several older controls do not have CRT displays and cannot edit programs with brackets, or other specific characters. This capability is necessary in order to tell remote capable DNC programs just what program the CNC operator wants called back to the Control.

The Mx2000 Hand Held HMI is an intelligent programmable device and can be used to send configurable serial strings as required.

It acts as an interactive interface for our industry leading machine monitoring and OEE Data collection system, MERLIN-OEE. It supports operator input for:

- Downtime reason codes
- Reject reason codes
- Select work orders
- Complete jobs
- Send email/SMS messages
- Other various reporting functions

The current operating status of the machine is displayed as well.

An optional kit is available to connect a bar code scanner directly with the HMI for even easier entering of reason codes.



### Specifications:

- 320x240 pixels, LCD transfective FSTN grayscale LCD display measuring 96 mm (3.8") diagonal.
- Available in a handheld or panel-mount housing.
- 40-key steel-dome membrane keypad; optional lighted keypad.
- 4 program LEDs on keypad, plus shift and power LEDs.
- -20 to 60 °C operating temperature; consumes 210 mA @ 12 VDC.
- Tough ABS/polycarbonate case with black over-molded rubber boot.
- Industrially hardened to operate in many environmental conditions and meets NEMA-4 or -12 depending on configuration. CE certified.



## Manufacturing Execution Real-time Lean Information Network

**MERLIN** is a Manufacturing Operations Management System for the communication and execution of production, *Connecting the Shop Floor to Top Floor.*