Programming Environment

Yaskawa provides a choice of programming environments with the MP940.

1. MW+ is an intuitive icon based programming environment. -- part# CP717 Plus

2. LadderWorks provides a familiar PLC-style language. -- part# MPE720

Most local and distributed control applications that include sequential and process logic can easily be developed in the flow charting MW+ environment. In addition, an MW+ program can be opened within the Ladderworks environment for convenient shop floor monitoring and troubleshooting. Both MW+ and Ladderworks contain servo setup, tuning and troubleshooting utilities for charting position, I/O status, torque transitions, etc. during operation.

MotionWorks+[™] (MW+) Software Features

Create programs by arranging motion and control icons in a visual flow chart. Setup wizards and simple menus guide you through controller setup, servo setup and tuning, variable management, and communications options. Monitoring tools for start-up and troubleshooting are included.



* Visual Basic is a trademark of Microsoft

Capabilities and Performance





I/O Monitoring



Troubleshooting Scope



Choose data to be recorded and duration in the properties window Up to 8 separate data elements can be displayed simultaneously

Electronic Cam Tools

- A cam profile can be divided up to 20 definable sections with 4096 points
- Automatic interpolation between points
- Select cam curve shape for each section from 21 available shapes



Data graph shows resulting cam profile from the information set provided from the parameter set-up window