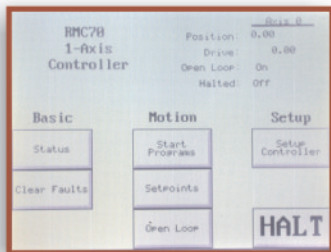


“Ready to Go Motion Controls”

PQ Systems is pleased to offer the CLPRMC70 - Single and Dual Axis Motion Control Packages:

The CLPRMC70 is a stand alone motion control system for closed loop or open loop systems.

Each system is designed to minimize field installation.



Intuitive 6” monochrome touchscreen provides a user friendly interface to run the motion controller and monitor position, speed and status bits, as well as fully setup and tune the system, without the need for a PC.

The screen can be customized to suit each application.

The standard unit has the ability to store approximately 50 screens , each with multiple input / viewing points. This means that even complex systems can be operated and setup from the standard unit.

Customizing of the screens can be carried out by the customer onsite or in advance from PQ Systems Ltd.

Security and access features provide safeguards to protect the tuning parameters of the system.

The touchscreen can display any of the registers in the RMC controller, eg Target position, actual position, error status etc

Display features can be numeric, graphical, meter flashing button etc.

The touchscreen provides an almost limitless number of buttons and displays that would otherwise have to be hard wired in.

Because it is all programmable the buttons can be added, removed and reallocated at the programmers whim, resulting in a large cost saving over using hard wired buttons.

The controller can store in its program a large number of operations , these can be individually started and stopped via the touchscreen, a sequence of events can be started by one button push.

Jogs and presets are button initiated, and each of these can be adjusted , all from the touchscreen.

When you have a one or two axis application, this package is a very economical, flexible and easy to use option.

Features & Benefits:

The CLPRMC70 offers a user friendly interface that has been designed for quick installation and minimal onsite setup.

Both the RMC controller and the Touchscreen are PC programmable to provide full flexibility to run from simple to complicated applications.

The system features a robust wall mounted enclosure. 120v AC power is required to operate the unit. A 5 amp 24v regulated power supply is included that provides power for all of the following components.

- Delta RMC motion controller
- Touchscreen Interface.
- Temposonic sensors (up to 2).
- Proportional directional control valves (up to 2). (if retrofitting to a servo valve system we can provide +/- mA command out to the valve at a small additional cost).

At present the RMC70 can work with Digital Start / Stop, Digital PWM and SSI, further protocols are in development and these will include Analog and Quadrature.

The RMC100 covers all the main feedback protocols.

Specifications:

- The panel is 17” x 17” x 8”, bottom entry c/w strain reliefs for power, probe(s) and valve(s) cables.
- Side entry RS232 connector for communication to the RMC motion Controller.
- Power on switch (lit) and valve isolation emergency mushroom button.

At PQ Systems we provide Hydraulic , Electromechanical and Pneumatic positioning systems as well as controllers for these systems.

We are the exclusive Moog Servo - Proportional Valve and Temposonics Transducers distributor for Western Canada.



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