

# DYNAFLOW™ CC

## VERSATILE FLOW CONTROL PLATFORM WITH COLOR CHANGE OPTIMIZATION



### DESCRIPTION

The industry's most adaptable flow metering system has been engineered to provide superior efficiency and production flexibility. The DynaFlow CC offers a graphic display to optimize color change, flush and load sequences. Different sequences and times can now be programmed for every color or parameter set. Offering continued flexibility and enhanced performance, the DynaFlow CC delivers fast, concise and repeatable material flow control for up to eight applicators.

Able to configure to either 2k meter mix or 1k flow control, our DynaFlow CC system can meet your application requirements. Processing type control software separates the entire flow process into a series of dedicated functions. Acting on commands from the interface module, the DynaFlow CC monitors, processes and quickly routes vital flow control data. Operator interface also permits system control with system configurations and data displays, text and graphic diagnostic computation and display. DynaFlow CC provides closed loop fluid control and can easily accomplish single or multi-component applications.

In all, DynaFlow CC delivers higher thru put to increase your bottom line.

### FEATURES AND BENEFITS

- **Modular Color Changer With Air/Solvent Purge...**graphic display for quick color change, flush and load sequences
- **Single Location Monitoring of Multiple Systems...**allows for convenient system supervision
- **Configurable Operating Parameters...**able to store and recall up to eight manual and/or automatic gun applicators and each gun can store up to 100 sets of job parameters (recipes)
- **User-Friendly Back Lit LCD Touch Screen Panel Display...**makes on-screen reading clear and adjustment of parameters simple
- **USB Flash Drive Backup of Configuration and Operational Data...**secures and protects vital information while offering effortless retrieval and restoration
- **On-screen Comprehensive Diagnostic Data, Help Text And Troubleshooting Guide...**provides quick and easy problem-solving
- **Automatic Reverse Flow Detection And Alarming...**prevent costly downtime and maintenance
- **Pot-life Timer Alarms...**alerts the user when necessary maintenance is required or can initiate an automatic flush sequence
- **Multi-lingual text options...**user can select a preference of language from provided menu
- **Weepless MVR Valve...**reduces the chance for critical leakage
- **NEMA Enclosure With Hinged Doors...**allows for easy access to internal connections and maintenance
- **User-Friendly Menus...**simple, straightforward information for system operation
- **Critical, Programmable Color Change Sequencer...**makes color change an effortless process
- **True Closed Loop Flow Control...**automatic control provides a continuous and uniform application

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### SPECIFICATIONS

**Size:** Main Control Console – 24" H. x 24" W. x 18" D.  
Pneumatic Interface Panel - 20" H. x 24" W. x 9" D.

**Operating Temperature:** 32° F – 130° F (inside enclosures)

**Operating Humidity:** 0% – 95%

**Power Input:** 120 VAC @ 4 A., 240 VAC @ 2 A. 50/60 Hz.

**LCD Display:** 15" Diagonal, 1024 x 768 pixel resolution,  
(with touchscreen for input)

**Control Processors:** Intel® 80C Series

**User Interface CPU:** Intel Pentium III or IV  
(Running Windows Embedded XP)

**Flow Capacity:** 10 cc's/min – 4000 cc's/min per channel  
(depending on material and flowmeter  
limitations)

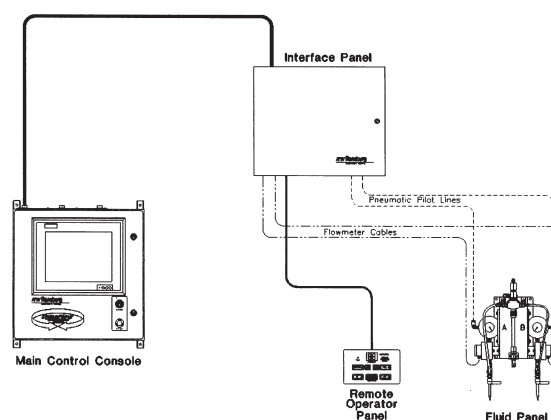
**Viscosity Range:** 30 cp – 500 cp

**PID Update Time:** 30 mSec/channel

**Job Tables:** 100 Jobs (P-Sets) per gun



**User-Friendly Back Lit LCD Touch  
Screen Panel Display**



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