

VC400 Spray Valve Controller

The VC400 is an intelligent and easy to use spray valve controller with a bright multi-line LED display for achieving clean and precise spray patterns when using pneumatically operated spray valves.

The simple, user-friendly programming allows both the fluid spray dispense air supply signal and atomizing air supply signal to be independently programmed, enabling a complete spray dispense cycle to be quickly created and displayed. Additionally, the integrated pressure regulator and gauge allow for precise control of the atomizing air pressure supply to the spray valve.



Features

- 1 programmable memory slot
- 0-100 psi atomizing air pressure regulator & gauge
- 3 dispense modes (manual, timed & cycle)
- 3 programmable spray time parameters (pre-spray, spray dispense & post-spray)
- Bright multi-line LED display screen for easy visualization of all dispense parameters
- Operator lockout function
- Dispense cycle counter
- 7 channel I/O circuit for external control and robot integration
- Durable aluminum housing designed for industrial work environments
- Worldwide compatible power supply

Benefits

- Precision regulator and gauge for setting atomizing air pressure supply to spray valve
- Air input alarm for monitoring consistent input pressure
- Auto-purge cycle and glue alarm prevents premature curing of material
- Push-in style air inlet and outlet ports for universal functionality
- Pre-spray and post-spray function improve the spray pattern at start and end of cycle
- Air out port for connection of auxiliary pressure regulator for controlling fluid pressure to spray valve
- Included pneumatic accessories allow the controller to be quickly set-up as a "plug & play" system

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Specifications

Item Number	VC400
Dimensions	7.56" x 5.04" x 3.00" (192 x 128 x 76 mm)
Weight	2.71 lbs (1.23 kg)
Input AC to Power Supply	100 - 240 VAC, 50/60 Hz
Cycle Rate	> 600 cycles / min
Relative Humidity	20 - 90% (No condensation)
Operating Temperature	50 - 104 °F (10 - 40 °C)
Timer	0.008-999.9 secs
Air Input	100 psi (7 bar) max
Air Output	1-100 psi (0.07-7 bar)
Standards	CE Approved, UKCA Approved, RoHS Compliant, EMC Compliant

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