

# VC300 Pneumatic Valve Controller

The VC300 is a sophisticated controller able to control the operation of pneumatic dispensing valves containing spring return or air actuated closing actions. The internal high speed 5/2 way pneumatic solenoid valve is able to rapidly actuate and shut off the dispense valve to prevent drooling, and achieve consistent and repeatable dispense results while doing so.

An integrated pressure regulator and gauge offer a key benefit in allowing control of both dispense valve actuation and the setting of the fluid pressure supplied to the dispense valve, resulting in a simple and compact valve system setup.



## Features

- 1 programmable memory slot
- 0-100 psi fluid pressure regulator & gauge
- 3 dispense modes (manual, timed & cycle)
- Compatible for use with pneumatic dispense valves fitted with a spring return or air actuated closing action
- 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

- Digital timer control for accurate & repeatable dispense results
- Precision regulator and gauge for controlling fluid pressure of the fluid feed system to the dispense valve
- Air input alarm for monitoring consistent system input pressure
- Auto-purge cycle and glue alarm prevents premature curing of material
- Push-in style air inlet and outlet ports for universal functionality
- Fluid pressure out port for direct control of and connection to fluid feed system resulting in easier system set up
- Included pneumatic accessories allow the controller to be quickly set-up as a “plug & play” system

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## Specifications

Item Number	VC300
Dimensions	7.56" x 5.04" x 3.00" (192 x 128 x 76 mm)
Weight	2.36 lbs (1.07 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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