



DVC-345

Digital Valve Controller

- Ideally suited for Dymax or other pneumatically actuated dispense valves
- Footswitch, manual, or PLC controlled operation
- Easy to operate and maintain
- Manual or timed dispense modes
- 0.001 to 9.999 second range, settable in 0.001 second increments
- Universal power supply and power plug adapters
- Compact and lightweight

The DVC-345 digital valve controller provides precise and consistent valve actuation without complex programming. Its internal 4-way solenoid valve operates Dymax or other pneumatic dispense valves. This controller may be operated via footswitch, manual front panel switch, or remote PLC. Cycle time may be set in a range from .001 to 9.999 seconds in .001 second increments. Front panel mounted controls provide a valve prime function, cycle adjustment, manual or timed dispense, and a multi-color LCD timer display. The controller also includes a DC wall-mount adapter with five global power adapters to convert the unit to 24 VDC, ensuring precise and repeatable shots.

Specifications	
Part Number	T11146
Power Requirements	120VAC, 240VAC, 50/60 Hz, 1/10 amp
Air Pressure Requirements	60 psi minimum/100 psi maximum, 25 micron filtered air
Operation	Manual, footswitch, or PLC
Timer	Programmable to 0.001 to 9.999 seconds in 0.001 second increments
Cycle Time	>15 milliseconds
Dimensions (W x D x H)	6.25" x 8" x 3.5" (15.9 cm x 20.3 cm x 8.9 cm)
Weight	2.8 lbs (1.27 kg)
Unit Warranty	1 year from purchase

Figure 1. Controller Dimensions

