

ValveMate™ 7100 Controller

The fastest, most precise way to adjust fluid deposits

For single dispense valve control applications, choose EFD's advanced technology ValveMate 7100 Controller

Valve open time is the primary control of deposit size.

Deposit size is determined by a combination of fluid pressure, valve stroke, tip size and valve open time, with valve open time providing the greatest control over the amount of fluid dispensed.

The EFD ValveMate 7100 controller is a fast, convenient way to adjust valve open time in increments as small as 0.001 seconds, right at the dispensing station. The result is exceptional process control without time-consuming programming or mechanical adjustments that require the production line to be shut down.

Features and Benefits

- Maximum process control
- "On the fly" deposit adjustment
- Intuitive, easy operator interface
- Cost-effective
- Simple to set up and operate
- Easily interfaced with a PLC
- Digital air output display (psi/bar)
- Fast response pneumatic solenoid



Specifications

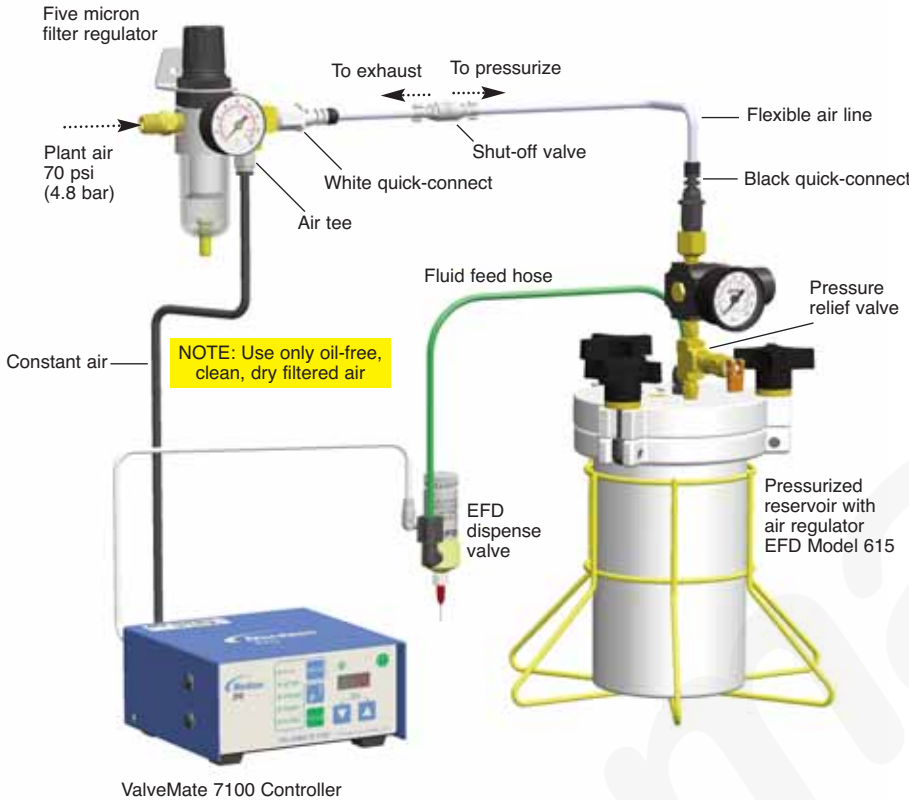
Cabinet Size:	14.0 cm x 14.2 cm x 6.8 cm (5.5" W x 5.6" D x 2.7" H)
Weight:	1.18 kg (2lbs 9oz)
Electrical Power Input:	24VDC (+/- 5%), 0.63A maximum
Electrical Input Connector:	Switchcraft L722RA or equivalent, locking type
External Power Adapter:	100-240 VAC (+/-10%), ~ 50/60 Hz input, 24VDC (+/- 5%), 0.63 A output, Switchcraft S761K locking DC plug or equivalent, wall mount, changeable AC plugs.
Feedback Circuits:	EOC Out & Alarm Out: Electronic switch, 24VDC, 100mA maximum.
Initiate Circuits:	5-24 INIT: 5-24VDC initiate signal. CC INIT & Foot Switch: Dry contact initiate circuits, 19mA, closure current. INIT signal duration: No less than 0.012 sec. momentary or maintained for steady.
Cycle Rate:	Exceeds 600 per minute
Time Range:	Programmable 0.001 to 99.9 seconds
Product Classification:	Installation Category II Pollution Degree 2

Meets or exceeds CE and CSA requirements



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For use with EFD models 702, 725, 736, 741, and 750 series dispense valves.

EFD ValveMate controllers feature microprocessor circuitry for extremely precise control of deposit size. Feed lines can be purged, initial deposit sizes set, and adjustments made quickly and easily at the dispensing station, without stopping the production line.

ValveMate controllers are simple to set up and operate, and are easy to interface with PLCs and other equipment. When the signal to start the cycle is received, the ValveMate's microprocessor takes over and regulates the amount of fluid dispensed. At the end of the cycle, the ValveMate signals that the process has been completed.



Flumasys s.r.o.
info@flumasys.com

