

• Introduction •

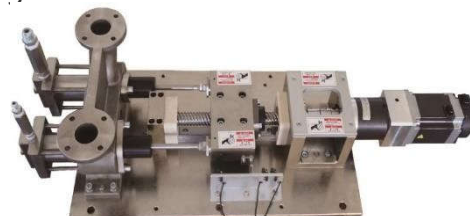
MX-2K120V , 2 Component dispensing system is piston type volumetric system. It is widely used for industry of automotive, solar system, automation part, white goods and electronics. It is user-friendly, reliable, flexible and high repeatability.

With the high performance and high quality components, we ensure the consistency and better control on dispensing.



Technical features:

- Lower than 50,000CPS.
- single dispense 2cc-12cc.
- time control feature.
- 20 program.
- authorize control.



Application :

Injection mode, volumetric dispense,
weighing dispense, continuous dispense,
Automatic dispense, time control dispense.



Model :	MX-2K120V
Volumetric mode :	Piston Valve.
Mixing Ratio:	100:10—100:100 , repeatability±1%
Single dispense volume :	min 2cc,max 120cc
Viscosity Limit :	< 50,000CPS
Pressure Tank :	A part 30L with agitator , low-volume sensor , vacuum. B part 20L with agitator , min-max sensor , vacuum.
Counter System :	2K-120V control system
Mixing System :	2K-V42 mixer
Controller :	Mitsubishi 3U Series PLC, Omron.
Inverter & motor :	Mitsubishi(Japan) and Neugart(Germany).
Vacuum System :	2.5L vacuum pump system.
Component :	SMC Pneumatic , Schneider Electrics.
Material Load in :	Manual
Power Consumption :	220VAC , 1.4kVA, 50Hz/60Hz
Dimension :	1200x900x1820 (mm)

MX-9140 Controller

The easiest way to achieve exceptional dispense, spray pattern definition

Dispense, Spray pattern is defined through a combination of fluid pressure, valve stroke and valve open time, with valve open time providing the greatest control over the volume of fluid sprayed. The MX-9140 controller is a fast, convenient way to adjust spray valve open time in increments as small as 0.001 seconds. Adjustable 0-80 psi nozzle air pressure high precision regulator provides Low Volume Low Pressure (LVLP) air to the nozzle, for high transfer efficiency without overspray. The result is exceptional spray pattern definition without time-consuming programming or mechanical adjustments that require the production line to be shut down.

Features and Benefits

- Intuitive, easy user interface
- “On the fly” adjustment
- Timed or continuous spray
- Clean, clog-free cutoff
- Fast-response pneumatic solenoids
- Simple to set up and operate
- Easily interfaced with a PLC
- Digital air output display (psi)



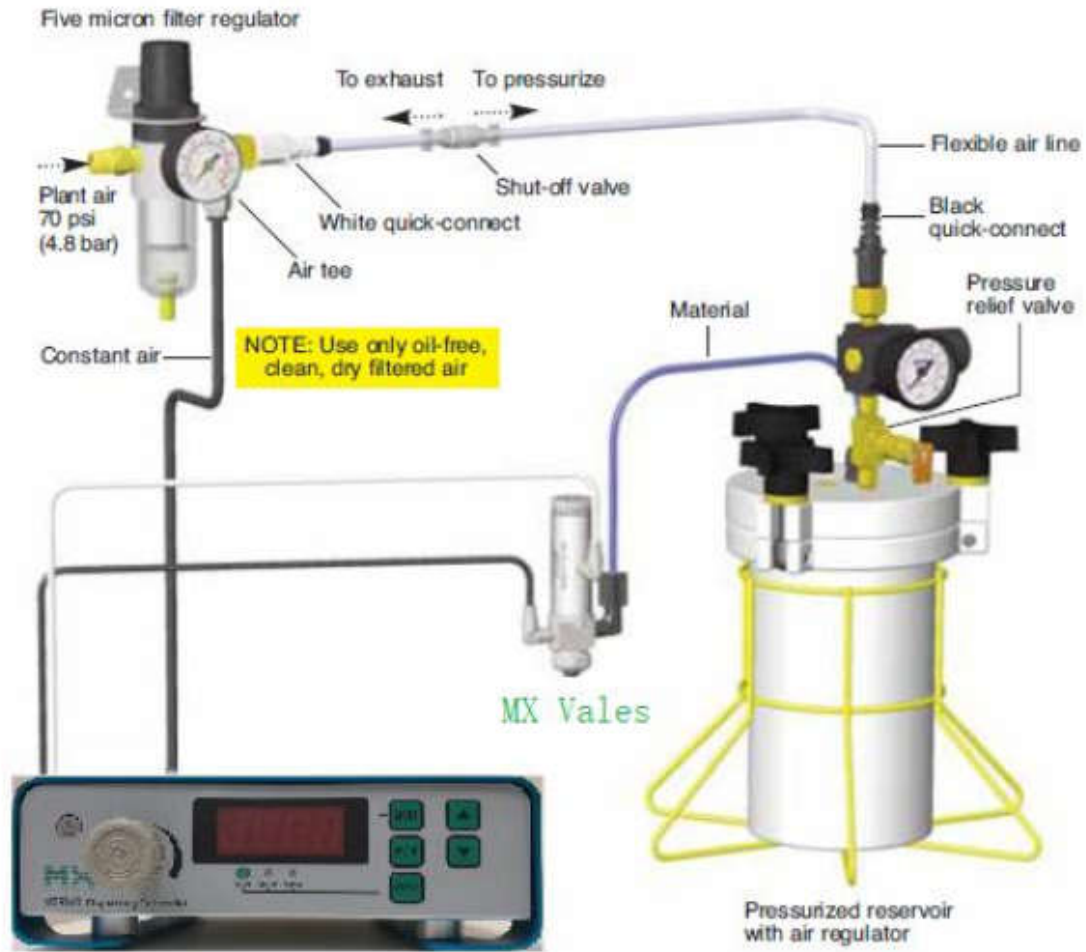
For single dispense valve control applications, choose advanced technology MX-9140 Controller

Specifications:

Cabinet Size:	21.0 cm x 22.5 cm x 8cm
Weight:	1.5 kg
Electrical Power Input:	24VDC, 2A Maximum
Electrical Input onnector:	Switch craft L722RA or equivalent
External Power Adapter:	100-240 VAC (+/-10%),~ 50/60 Hz input, 24VDC (+/- 5%), 2.5A output, Switch craft S761K DC plug or equivalent
Feedback Circuits:	EOC Out & Alarm Out: Electronic switch, 24VDC, 100mA maximum.
Initiate Circuits:	5-24 INIT: 5-24VDC initiate signal.
	CC INIT: Dry contact initiate circuits, 19mA, closure current. No less than 0.012 sec
SYNC OUT:	SYNC the initiate signal to output, 2A Maximum.
24V Out:	As a power supplier output 24V DC, 2A Maximum.
Cycle Rate:	Exceeds 400 per minute
Time Range:	Programmable 0.001 to 99.9 seconds
Environment	Temperature: 5°C ~ 45°C (41°F to 113°F)
	Humidity: 30°C85% RH, 45°C40%, No Fogging
	Altitude: Maximum 2000m
	Only use indoor
Production Classification:	Installation type: II
	Pollution level: 2
	Installation Category II, Pollution Degree 2

Part No.	Name	Description
8210000	MX-9140 Controller	Dispensing, Spray, BP Controller

MX-9140 Controller



MX-9140 controllers feature microprocessor circuitry for precise dispense, spray, BP control. Feed lines can be purged, initial spray volumes set, and adjustments made quickly and easily at the spray station, without stopping the production line. The MX-9140 is simple to set up and operate, and easy to interface with PLCs and other equipment. When the signal to start the cycle is received, the MX-9140 controller microprocessor takes over and regulates the amount of fluid sprayed as Low Volume Low Pressure air is applied to the nozzle. At the end of the cycle, nozzle air continues for a few milliseconds to ensure a clean clog-free cutoff, and the MX-9140 signals that the process has been completed.