

Digital Gas Mixer

E2M316



2 / 3 Digital Gas Mixer for Modified Atmosphere Packaging

Benefits

- Touchscreen control.
- Can store up to 10 gas mix ratio for easy operation.
- Integrates fully with MAP tray sealers and packaging machines.
- Can integrate with buffer tank for continuous mode of operations.
- Alarm indication for inlet pressure error.
- Stainless steel casing.

2 / 3 gas digital mixers (E2M316) is specially designed for modified atmosphere packaging applications, where the gases N_2 , CO_2 and O_2 are used in either 2 or 3 gas combinations.

E2M316 can integrate with any packaging machine, either buffer tank or stand alone mode.



FEATURES



Flow rate

Upto 150 litre / min flow rate at 8 bar inlet pressure.



Variable Gas Mix Setting

Gas mix concentration can be set between 0 – 100% .



Lower Pressure Alarm

Auto alarm, when inlet gas pressure is low.



Secure Access

Avoid unauthorised access to change gas mixing concentration.

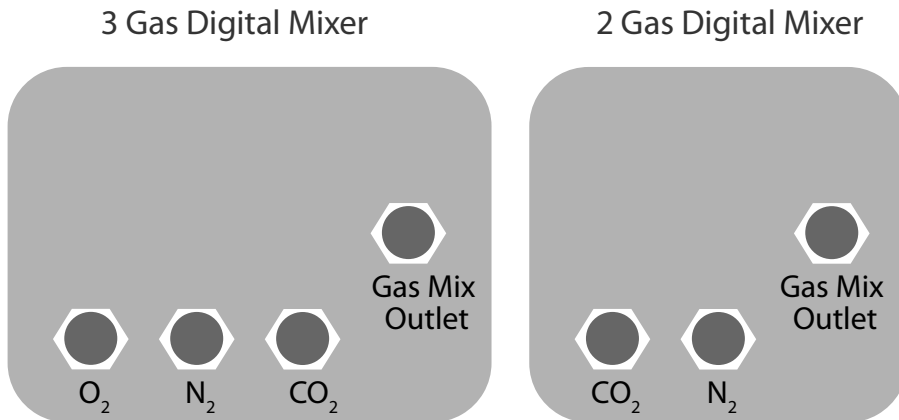


MAP Applications

CO_2 & N_2 – 2 gas mixer

O_2 , N_2 & CO_2 – 3 gas mixer

Interfacing



Pneumatic Interfacing

Inlet	O ₂ , N ₂ and CO ₂
Inlet Fittings	Pneumatic push connector with Ø 8 mm
Outlet	Mixed gas
Outlet Fittings	Pneumatic push connector with Ø 8 mm

Technical Specifications

Type	Digital gas mixer
Mixer Configuration	Variable 2 / 3 gases
Inlet Pressure	8 – 10 Bar
Outlet Pressure	3.5 Bar
Mixing Range	0 – 100 %
Flow Rate	Up to 150 litre per minute
Accuracy	+ / - 2 % abs
Power Supply	230 V AC
Dimensions (L x W x H)	(500 x 250 x 210) mm
Weight	Approximately 15 kg

Flow Diagram

