GSA Model 102 D

O$_2$ On-Line Gas Stream
Designed for new or existing MAP processes

For MAP applications to continuously measure your O$_2$ levels in filling chambers on form/fill/seal, tray and thermoform packaging machines. This compact, reliable, analyzer is easy to install and is loaded with features and comes with a small easy-to-read display that shows the oxygen percent in the chamber and allows you to set the alarms if desired.

GAS STREAM ANALYZER

STATUS
RED-GREEN BLINK: POWER UP OR AUTO CAL
RED BLINK: A-D BAD OR PLUGGED LINE
RED SOLID: CHECK SENSOR
GREEN BLINK: NOT FLUSHING
GREEN SOLID: FLUSHING

COMM

I / O CONNECTOR

AMBIENT
PRESSURE

GAS
INPUT

mocon®

PATENT PENDING

mocon   GSA-102D

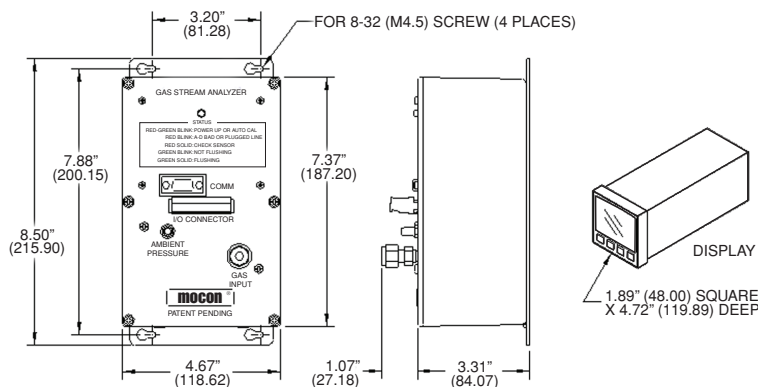20.86
30.00
OUT   EXCEED   ALM

RESET

Features

- Low Cost
- Compact Size
- Relay outputs and inputs for integrating with Programmable Logic Controllers (PLC)
- Stand alone unit adaptable to plug into existing display panel
- Cal-Smart™ Technology provides automatic calibration, no user intervention required
- Flow-Smart™ Technology provides automatic flow detection
- Direct sampling of filling chamber
- RS-232 or RS-485 interface
- Electrochemical oxygen sensor
- 4-20mA analog output for oxygen concentration
- Low / High oxygen alarms (optional)
- Plugged line alarm

ERMEC
Equipos de control de calidad

Tel.: (+34) 902 450 160
Fax: (+34) 902 433 088
ermec@ermec.net
www.ermec.net

mocon®

Providing instruments & services specializing in gas detection, analysis, & control for over 40 years.

Typical MAP applications where this system would be effective.

GSA 102 D Specifications

- **Meat**
- **Poultry**
- **Pork**
- **Fish**
- **Combinations products**
- **Fresh pasta**
- **Bakery products**
- **Dairy**
- **Produce**
- **Beverages**
- **Pharmaceutical**

Oxygen	
Concentration Range	0 - 100%
Resolution	0.01%
Temperature Compensation	Yes
Pressure Compensation	Yes
Accuracy	±0.1% absolute or 2% of value, whichever is greater
Ambient Temperature Range	5° - 40° C
Ambient Pressure Range	700 to 800 mm Hg
Ambient Humidity	0 to 95% non-condensing
Display	
Format	4 Digit, 7 Segment LED
Color	Red
Outputs	
Relay Outputs	1) Normally open/normally closed
	2) Low O_2% Alarm
	3) High O_2% Alarm
Amperage Rating	<2 Amps
Alarms	
Low Oxygen Percentage Alarm	0.00 to 99.99%
High Oxygen Percentage Alarm	0.00 to 99.99%
Certification Marks	
USA	UL
CE	Europe
Protection	
IEC IP66 (NEMA 4x)	Front Panel

MOCON Commitment

This new system is another example of MOCON's 40 year commitment to innovation and quality in the design of oxygen analyzing testing systems.

MOCON is a registered trademark and GSA, Cal-Smart and Flow-Smart are trademarks of MOCON. Copyright © 2008 MOCON, Inc.

MOCON reserves the right to change specifications without notice as part of our continuous program of product improvement.

mocon®

7500 Boone Ave. N
Minneapolis, MN 55428
Telephone: 763.493.6370
Fax: 763.493.6358

Visit us on the web
www.mocon.com

Made in USA