

PAC CHECK[®] Model 650 EC



Benchtop CO₂ & O₂ Headspace Analyzer with Cal-Smart[®] and Flo Smart[®]

The PAC CHECK[®] Model 650 EC is part of MOCON's new Performance Series.

Its contemporary design highlights its functionality as a benchtop CO₂ & O₂ headspace analyzer. Its tiny foot print makes it an ideal instrument for fast, accurate headspace tests on the packaging line or in the laboratory.

Cal-Smart^{®*} gives you two point O₂ and one point CO₂ calibration at the touch of a button. Cal-Smart[®] uses no calibration gas and ensures an accurate test reading...everytime.

Flo Smart[®] built in technology detects any blockage of sample flow ensuring a proper sample was taken.

Simple to use, with only three keys and user replaceable electrochemical oxygen sensor.

* US Patent Pending

- Cal-Smart[®]
- Flo Smart[®]
- Fast
- Accurate
- Easy-to-use

Benefits

- Avoid the hassle and cost of calibrating...Cal-Smart[®], MOCON's on-demand, no gas, smart calibration system
- Test packages with a minimum sample size of less than 5 cc of sample gas (4 cc in manual mode)
- Save on bench space. Just 8" wide 11.6" deep
- Fast — Response time is just 7 seconds
- Export results as needed
- Save downtime with easy operator replacement of the oxygen sensor
- No installation costs. Simple out of the box, ready to use.

mocon[®]

Liqui-Blok® filter
PAC CHECK® Model 650 ECs
are available with a Liqui-Blok®
filter assembly which prevents
liquids (when present in sample)
from damaging the sensor.



PAC CHECK® Model 650 EC

Oxygen

Concentration range	0 to 100%
Resolution	0.01%
Accuracy	+/- 0.1% O ₂ absolute or 2% of relative reading, whichever is greater
Range	0 to 100%
Response	98% of final value within 7 seconds
Temperature compensation	Included in sensor
Pressure compensation	Yes, based on barometric pressure sensor
Oxygen measurement method	Electrochemical
Factory Calibration	Three point
Calibration	Automatic two point, Manual three point

Carbon Dioxide

Concentration range	0 to 100%
Resolution	0.10%
Accuracy	+/- 2% absolute
Temperature compensation	Yes, based on thermistor built into detector
Pressure compensation	Yes, based on barometric pressure sensor
Factory calibration	Two point
Customer calibration	Automatic one point, Manual two point
Sample method	Auto internal sampling pump Manual injection optional
Minimum sample size	<5 cc auto, <4 cc manual
Adjustable pump time	1 - 9 sec.

Operating Conditions

Ambient temperature range	5° to 40° C
Ambient pressure range	600 to 760 mmHg
Package humidity	0 to 99% non-condensing

Power Supply

Universal power supply voltages	100, 120, 220 and 240 VAC
Power supply frequency	50 and 60 Hz

Display

Format	128 x 68
Display area	70.7 mm x 38.8 mm

MOCON commitment:

This system is another example of MOCON's 40 year commitment to innovation and quality in the design of permeation testing systems for barrier material assessment

MOCON, PAC CHECK, Cal-Smart, Flo Smart and Liqui-Blok are registered trademarks of MOCON, Inc.. Cal-Smart is US patent pending. Copyright © 2010 MOCON Inc.

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

Brochure Code: 0910

mocon

7500 Mendelssohn Ave. N
Minneapolis, MN 55428 USA

Phone 763.493.6370

Fax 763.493.6358

info@mocon.com

www.mocon.com

QUALITY CONTROL PACKAGE TESTING SYSTEM