

PAC CHECK® Model 450 EC

Benchtop O₂ Headspace Analyzer with Cal-Smart® and Flo Smart®

The PAC CHECK® Model 450 EC is the first in MOCON's new Performance Series.

Its contemporary design highlights its functionality as a benchtop 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 2 point full range 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 which detects any blockage of sample flow. Ensures a proper sample was taken.

This is the ideal instrument for even small packages, requiring just <5 ml of sample gas.

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

* US Patent Pending

Benefits

- Cal-Smart®
- Flo Smart®
- Exciting new look
- Fast
- Accurate
- Easy-to-use

- Avoid the hassle and cost of calibrating...Cal-Smart®, MOCON's on-demand no gas smart calibration system
- Test small packages. Test packages with a minimum sample size of 3 ml of sample gas 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 450 ECs
 come standard with Liqui-Blok®
 filter assembly option which
 prevents liquids (when present
 in sample) from damaging
 the sensor.



PAC CHECK® Model 450 EC

QUALITY CONTROL PACKAGE TESTING SYSTEM

Oxygen

Concentration range	0 to 100%
Resolution	0.01% O ₂
Accuracy	+/- 0.1% O ₂ absolute or 2% of relative reading, whichever is larger
Range	0.0 to 100%
Temperature compensation	Included in sensor
Pressure compensation	Yes, based on barometric pressure sensor
Oxygen measurement method	Electrochemical
Sample method	Auto internal sampling pump Manual injection optional
Minimum sample size	5 cc auto - 3 cc manual
Adjustable pump time	1 - 90 sec.
Factory calibration	Three point
Customer calibration	Automated two point Or manual three point

Operating Conditions

Ambient temperature range	5° to 35° C
Ambient pressure range	400 to 760 mmHg
Ambient humidity	10% to 90%, 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

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

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