

PAC CHECK® 333

PORTABLE HANDHELD GAS ANALYZER FOR QUALITY CONTROL



PAC CHECK 333

Benefits

- Portable
- Fast and accurate results
- Easy-to-use and read
- Cal-Smart®

Features

- Long-lasting batteries for a full day's work. Take up to 500 samples on one full charge
- Rugged protective cover to prevent damage when dropped
- Cal-Smart®, MOCON's on-demand, no gas, smart O₂ calibration system. Simple and accurate calibration

Portable, accurate and easy-to-use for Modified Atmosphere Packages (MAP)

The PAC CHECK® 333 is a portable handheld gas analyzer for checking modified atmosphere headspace inside packages. It is able to measure oxygen, carbon dioxide and carbon monoxide and performs fast and accurate headspace tests on the packaging line, in the warehouse or in the laboratory.

The PAC CHECK® 333 has the ability to store 240 readings so you can be certain that QA/QC checks are being performed. The stored data can also be downloaded to your computer via the optional Data Grab™ software. The PAC CHECK® 333 is the ideal instrument for sample tests where only minimum gas is available, such as blister packs with a modified atmosphere.

In addition, it features Cal-Smart® which gives you two-point full range calibration of O₂ at the touch of a button. Cal-Smart® uses no calibration gas and ensures an accurate test reading...everytime.

HOW DOES IT WORK?

The PAC CHECK® 333 analyzer is used to properly test the modified atmosphere of a package to determine the correct gas mixture within a package. This ensures the quality and shelf life of the product. Saving on costs and minimizing risk by avoiding recalls.

Typical applications:

- All Modified Atmosphere Packaging
- Meat/Poultry
- Coffee
- Cheese
- Nuts
- Snack Food Packaging
- Pet Foods
- Pharmaceuticals
- Produce
- Oxygen Scavenger Performance
- Beverages
- Bakery

Try the PAC CHECK® 333 portable handheld headspace analyzer



Technical Specifications

Available configurations	Model 333 (Portable CO, CO ₂ & O ₂ headspace analyzer)
Carbon dioxide measurement method	Infrared
Accuracy CO ₂	2% absolute at 0 - 20%; 3% absolute at 20-100%
Range CO ₂	0-100%
Range of CO sensor	0.02% - 2%
Accuracy CO sensor	±0.2% CO abs or ±5% relative reading, whichever is greater
CO measurement method	Chemical Cell
Calibration	Automatic 2-point, manual 3-point O ₂ Automatic 1-point, manual 2-point CO ₂ 1-point CO
Dimensions & weight	7.5" x 4.3" x 2.3" 1.7 lbs (with batteries and protective boot)
Ambient operating temperature	5-35° C
Minimum sample size	<25 cc
Supply voltage	100 -240 VAC or (8) 2000 mAh NiMH rechargeable batteries
Accuracy - O ₂ sensor	± 0.25% absolute or 2% relative, whichever is greater
Range - O ₂ sensor	0% -100%
Sample method	Auto internal sampling pump (Manual Injection optional)
Adjustable pump time	1-90 sec
Resolution O ₂ , CO or CO ₂	0.01%
Display	128 x 68 pixel LCD screen
Barometric pressure range	400-760 mmHg
Oxygen measurement method	Electrochemical cell
Memory	240 data points stored
Markings	CE, CSA, and UL

Specifications subject to change without notice - further specifications are available in the Operator's Manual.