DATA SHEET

PAC CHECK® 300 Series
PORTABLE HANDHELD GAS ANALYZERS FOR QUALITY CONTROL

PAC CHECK 300 Series

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

The PAC CHECK® Models 302 and 325 are portable and handheld oxygen and carbon dioxide analyzers for checking modified atmosphere headspace inside packages. The PAC CHECK® Model 333 is also able to measure carbon monoxide. All three are the ideal analyzers for fast and accurate headspace tests on the packaging line, in the warehouse or laboratory.

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

Featuring Cal-Smart® (Model 302, 325 and 333) which gives you two-point full range calibration of O_2 at the touch of a button. Cal-Smart® uses no calibration gas and ensures an accurate test reading...everytime.

Benefits

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

Features

- Test more packages. Fast response time: within 7 -11 seconds (Model 302 and 325)
- 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 O_2 calibration system. Simple and accurate calibration

Note

- The PAC CHECK® 302 and 325 are only recommended for gas mixtures containing less than 15% CO_2.

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HOW DOES IT WORK?

The PAC CHECK® Series of analyzers are 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.

Try the PAC CHECK® series of portable and handheld headspace analyzers

Dash-gastec-Pac Chec 302_325_333-EN-3

Typical applications:

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

Technical Specifications

Available configurations	Model 302 (Portable O_2 headspace analyzer)	Model 325 (Portable O_2 & CO_2 headspace analyzer)	Model 333 (Portable CO, CO_2 & O_2 headspace analyzer)
Carbon dioxide measurement method	-	Non-dispersive infrared	Infrared
Accuracy CO_2	-	2.5% absolute at 0 - 15%;	2% absolute at 0 - 20%; 3% absolute at 20 - 100%
Range CO_2	-	0 - 15%	0 - 100%
Range of CO sensor Accuracy CO sensor CO measurement method	-	-	0.02% - 2% ±0.2% CO abs or ±5% relative reading, whichever is greater Chemical Cell
Calibration	Automated 2-point, or manual 3-point	Automatic 2-point, manual 3-point O_2 Automatic 1-point, manual 2-point CO_2	Automatic 2-point, manual 3-point O_2 Automatic 1-point, manual 2-point CO_2 1-point CO
Dimensions & weight	8" x 4" x 1.5" 2.5 lbs. (with batteries and protective boot)	7.5" x 4.3" x 2.3" 1.7 lbs. (with batteries and protective boot)	7.5" x 4.3" x 2.3" 1.7 lbs. (with batteries and protective boot)
Ambient operating temperature	5° - 35° C	5° - 35° C	5° - 35° C
Minimum sample size	<4 cc auto (3 cc with manual option)	<5 cc auto (3 cc with manual option)	<25 cc
Supply voltage	100 -240 VAC or (4) 2000 mAh NiMH rechargeable batteries	100 -240 VAC or (4) 2000 mAh NiMH rechargeable batteries	100 -240 VAC or (8) 2000 mAh NiMH rechargeable batteries
Common features			
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.

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