

Nothing else exists in the marketplace.

Features:

- Projected Shelf Life (in days)
- Test completed within hours, after bottle has been conditioned
- CO₂ Transmission Rate
- Ability to test greater than 300 different bottle sizes using different sized capture volumes
- Ease of Use - QuickStart™ Feature
- Data can be exported
- Able to fit into a standard size laboratory grade environmental chamber
- Auto Calibration (No gas standards required for calibration)
- SafeBurst™ Feature
- CE, CSA, and UL markings

Technical Specifications:

- Test Temperature: 5°C - 40°C (with environmental chamber)
- Normal Range of Measurement 1cc/day to 80cc/day

Electrical Specifications:

- Voltages: 100, 120, 220 or 240 VAC ± 10%
- Frequencies: 50/60 Hz



MOCON Commitment

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

Consulting & Testing Services

MOCON maintains an applications and testing laboratory to assist customers in realizing the full potential for their MOCON instrument. Seminars and intensive training classes are held for those interested in maximizing their understanding of the systems, technology, and operating procedures. Call your MOCON representative for more information on these programs or for your system quotation.



ERMEC
Equipos de control de calidad

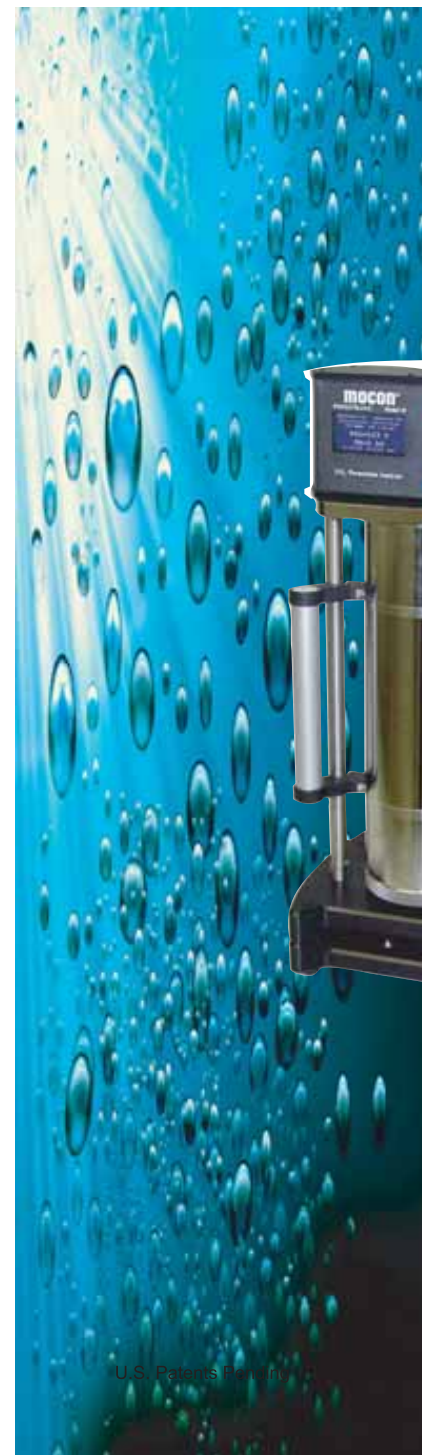
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MOCON reserves the right to change specifications without notice as part of our continuous program of product improvement.

Visit our website at
www.mocon.com



**Cost-Effective
Self-Contained
Non-Destructive Carbon Dioxide
Transmission Rate Analyzer
for Testing Beverage Bottles**

**PERMATRAN-C®
Model 10**

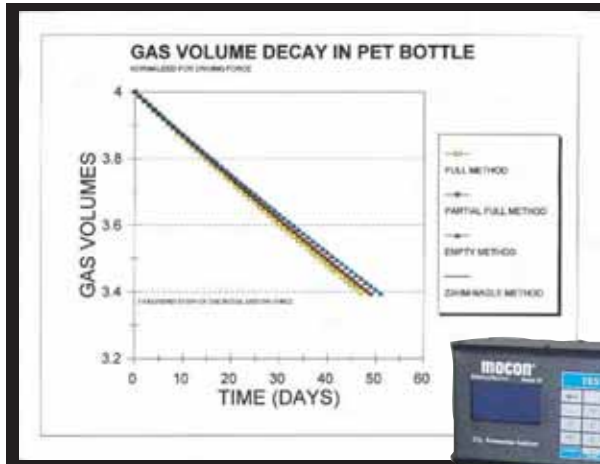
- Cost effective productivity
- Shelf-life in hours ... not weeks
- Able to test 300 different bottle sizes
- Fits standard environmental chamber
- Correlates with Zahm-Nagel

mocon®

U.S. Patents Pending

The traditional destructive method of testing the CO₂ loss rate of a bottle is time consuming and involves large quantities of product and time.

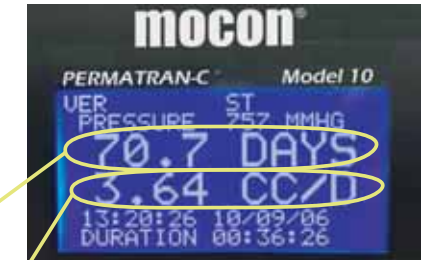
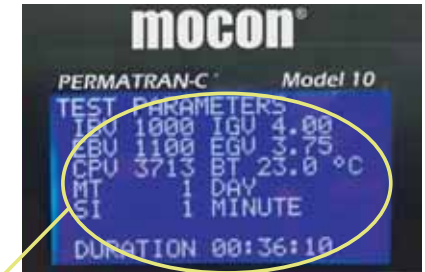
MOCON makes it simple and accurate. Bottle shelf life calculation is based on operator inputs of initial gas volume, and allowed expired gas volume. The PERMATRAN-C® Model 10 calculates shelf life in days, and it does it in just hours (after bottle has been conditioned), using just one bottle.



Gas volume decay chart showing the correlation between tests conducted with MOCON instruments and Zahm-Nagel

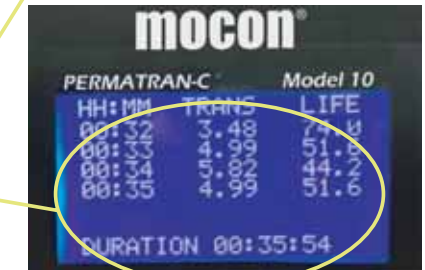


The PERMATRAN-C® Model 10 is simple to operate and allows the operator to begin a test with the push of a button. Using different sized capture volumes, the instrument accommodates a range of plastic bottles from 355 ml to 2.5 liters. Results can be read from the on-board screen and/or downloaded to a PC for viewing, storage or printing.



The PERMATRAN-C® Model 10 is stand alone and its backlit screen displays:

- Test Parameters
- Predicted Bottle Shelf Life (Days)
- Bottle Transmission Rate (Cubic Centimeters/Day)
- Results



Screens shown smaller than actual size

The reports can be downloaded to a PC where it can be viewed, stored or sent to a printer using PC PAC-C 10 software.



Without a doubt the PERMATRAN - C® Model 10 is the most cost effective, lowest priced shelf life analyzer available. It's backed by MOCON's 40 years of leadership in innovation and design of permeation testing systems.

U.S. Patents Pending

The PERMATRAN - C® Model 10 is a non-destructive carbon dioxide gas transmission rate and bottle shelf life analyzer using bottle transmission rate to calculate shelf life.

Proudly designed, engineered and manufactured in the United States by

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