

Announcing 2 New...

Modular Carbon Dioxide Transmission Rate Test System for Barrier Films, Packages, and Bottles.

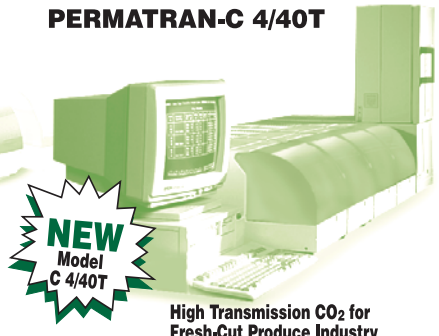
PERMATRAN-C 4/40



CO₂ transmission
for bottles and
barrier films

- Ideal for bottle testing with excellent correlation to Zahm-Nagel shelf-life studies
- Much faster than existing methods
- 1 to 10,000 cc/(m²•day)

PERMATRAN-C 4/40T



High Transmission CO₂ for
Fresh-Cut Produce Industry

- Test high transmission films and packages used in the fresh produce industry
- Much faster than existing methods
- 500 to 155,000 cc/(m²•day)

- Computer controlled
- Real-world temperatures
- Two test cells per module, expandable to 20 cells
- Optional Package Environmental Chamber (PEC) for controlled package testing
- Temperature ranges
Films: 5C to 50C
Packages: 10C to 40C

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mocon[®]

Technical Specifications

PERMATRAN-C 4/40 Barrier Quality Samples

	cc/(m ² · day)	cc/(100 in ² · day)	cc/(pkg · day)
Standard	1 to 10,000	.0645 to 640	.005 to 50
Masked	10 to 100,000	.645 to 6450	N/A

PERMATRAN-C 4/40 T High Transmitter Samples

	cc/(m ² · day)	cc/(100 in ² · day)	cc/(pkg · day)
Standard	500 to 155,000	32 to 10,000	2.5 to 775
Masked	15,500 to 800,000	1,000 to 50,000	N/A

Repeatability:

±5% @ 333 cc/(m² · day)

Temperature Range:

Films – (Standard) 5C above ambient to 50C
 Packages – (Standard) room ambient
 (Optional) 10C to 40C

Test Sample Size:

Films 4.25" x 4.25" (10.8 cm x 10.8 cm)
 Packages up to 3 liters practical

Electrical Requirements:

Voltage – 120, 100, 220, or 240 VAC±10%
 Frequency – 50 or 60 Hz;
 Power consumption – 500 VA maximum

Package Environmental Chamber (PEC)



Package testing under select environments.



Easy-to-use software allows for precise set-up and data collection.

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

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