OX-TRAN® MODEL 2/12

DATA SHEET

OX-TRAN Model 2/12
OTR Instrument

Quality Made Easier

Companies around the world depend on MOCON permeation data to make decisions critical to product development and product quality. Generally, a significant number of labor hours are spent setting up tests or waiting for results, often creating a bottleneck in the laboratory, holding up production, or delaying shipments.

The OX-TRAN 2/12 oxygen permeation instrument was designed specifically to produce results quickly and with minimal effort to increase your efficiency and streamline your operations. Your operators will now spend less time setting up and monitoring permeation tests, allowing them to achieve more in less time.

A new user interface and increased automation makes testing easier than ever before with less skill required, reducing the costs associated with training new employees or transitioning responsibilities within your company. Starting a new test may be as simple as a single press of a button.

Easier to Use

- Fully automated testing
- Simplified sample preparation
- Touch screen interface

Increased Productivity

- Save on labor hours with less in-test monitoring
- Remote access and control
- Automatic sequential testing

Data with Confidence

- Improved repeatability between instruments and/or locations*
- Automatic compensation to compare historical data*
- Improved sensor electronics*

mocon® measuring the invisible

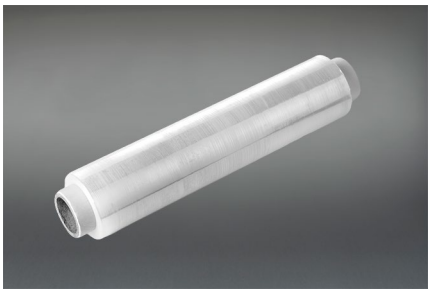
*When comparing OX-TRAN 2/21 T and OX-TRAN 2/10 instruments.

HIGHEST STANDARD IN AUTOMATED PERMEATION TECHNOLOGY

DATA SHEET

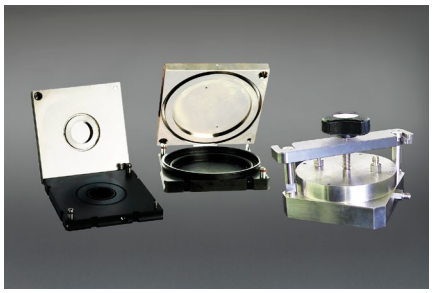
One Instrument, Many Applications

With the widest testing range of any MOCON instrument, you can be confident that the OX-TRAN 2/12 instrument can handle a wide variety of applications. Ideally suited to more breathable materials like silicones or produce films, this instrument can be used across the supply chain to insure that quality standards are being met at every stage of the process.



Application Solutions

The OX-TRAN 2/12 is available with a wide variety of custom diffusion cells and accessories to support many unique applications. These components provide flexibility to test more sample types, including whole packages, at a wider range of test conditions, including up to 85°C. Ask your MOCON representative for a PermAUDIT to help determine the best solution for you.



Industry Standards:

- ASTM F2622

Test Conditions

Test Temperature Range	10°C to 40°C
Precise RH Testing Ranges	Films – Carrier & Test Gas: 0%, 5-90% ±3%
	Packages – Ambient or Controlled by Chamber

Technical Specifications

	Test Ranges			Resolution	Repeatability
	cc/(m² • day)	cc/(100 in² • day)	cc/(pkg • day)	cc/(m² • day)	cc/(m² • day)
Model 2/12					
Normal (50 cm²)	0.5 to 144,000	0.0323 to 9,300	0.0025 to 720	0.05	± 0.25

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