

mocon[®]



OxyTraQ[®]
Permeation system

A fast, easy to use multi-station Oxygen permeation testing system With optional purge rack



The *OxyTraQ*[®] system...Engineered specifically for the testing of rigid packaging and containers

Designed to allow for rapid testing of oxygen barriers and scavengers.

Features

- Combining with the Container Transfer Unit* (CTU) and optional Purge Rack, significantly increases testing throughput
- 6 stations each with its own independent sensor
- Reliable and repeatable test platform
- Intuitive user-friendly software for setup and operation
- Utilizes the innovative SmartPurge[™] technology

Robust software package

- Track real-time data From each station
- Store and export data
- Active graphing
- Monitor multiple tests

mocon[®]
Over 40 years of
permeation experience

OxyTraQ®

Permeation system

Container Transfer Units*

Purge Rack

SmartPurge™

OXYGEN PERMEATION WITH SAMPLE CONDITIONING



- Purging allows sample conditioning
- Allows transfer of multiple samples mounted on CTU's from pre-purge to OxyTraQ® test station:
Increase throughput
Avoid tying up sensor time

Configurable off-line Purge Rack System

Versatile Container Transfer Units* (CTUs) allow simple effect exchange between the Purge Rack and the OxyTraQ®



Easy mounting of various sample types and finish diameters

SmartPurge™ Technology

The innovative *SmartPurge* technology allows the OxyTraQ® system to operate at maximum efficiency while protecting both the samples and the oxygen sensors within the device.

- Ensures CTUs are mounted correctly and no leaks are present
- Maintains constant gas pressure and flow rate though the OxyTraQ® system
- Extends sensor life and greatly enhances testing throughput

Component	Detail	Specification
Container/Film Specifics		
Material Types	Container materials	PET, HDPE, PP, LDPE, Monolayer and Multilayer, Barrier coated, etc. And permeable material
Height	Minimum internal Maximum external	1.25" to 13" (32 to 330 mm)**
Body shape	Width/Diameter	up to 4.75" (120 mm)**
Capacity	Internal Volume	No limitation based on height and width specifications
Finish	Internal diameter	0.75" to 3" (19 to 76 mm)
Film sample	Minimum diameter	3" (76.2 mm)**
Film test area	Area of sample exposed to test gas	3.875 in. ² (25 cm ²)** ** On standard film module

System Specifics

Footprint	Overall dimensions of the 6 station unit (Not including computer, gas supply and samples)	33"W x 8"D x 12"H
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Operating conditions

Operating temperature		41°F to 113°F (+5°C to +45°C)
Humidity	Maximum relative humidity reaching the sensor	90% Non-condensing

MOCON commitment:

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

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

ERMEC
Tel.: (+34) 902 450 160
Fax: (+34) 902 433 088
ermec@ermec.net
www.ermec.net
Equipos de control de calidad

Visit us on the web:
www.mocon.com

mocon

7500 Boone Ave. N
Minneapolis, MN 55428
P. 763-493-6370
F. 763-493-6358

email: mocon@mocon.com