

## OX-TRAN® 2/22 SERIES OXYGEN PERMEATION ANALYZER

The OX-TRAN 2/22 Series of high performance analyzers provides the highest accuracy and lowest level of Oxygen Transmission Rate (OTR) detection on the market. With three available models, you can choose your exact OTR testing range needs; each model is designed for high performance film testing, with the capability for whole package testing. OX-TRAN 2/22 analyzers are easy to use, and offer the shortest test times available with the AMETEK MOCON® patented Coulox sensor. They feature two independent cells with changeable horizontal test cartridges that allow testing of a wide variety of sample sizes and types.



### Touchscreen Interface

- Intuitive automated operation requires less training
- Built in multi-level user management and data security
- Save on valuable lab space by eliminating need for PC

### Control Features

- Fully automated flow, temp, & RH control throughout tests
- Automatic test method development and recommendations
- Programmable multi-test sequencing

### TruSeal®

- Gas flushing of sample mounting seal protects chamber integrity
- Lowers background oxygen level reducing need to run individual zero
- More repeatable results

### Coulox® Sensor

- Shorter exam times reduces overall test time to increase throughput
- Longest life oxygen permeation absolute coulometric sensor
- Complies with ASTM D3985

### Industry Standards

ASTM D3985, ASTM F2622, ASTM F1307, ASTM F1927, ISO CD 15105-2, JIS K-7126-B, DIN 53380-3, GB/T 19789-2005, GB/T 31354-2014.

Models	Barrier Level	Detection Range
2/22 H	Low to high	0.05 to 200 cc/(m <sup>2</sup> · day)
2/22 L	Low to higher	0.005 to 200 cc/(m <sup>2</sup> · day)
2/22 10X	Low to ultra-high	0.0005 to 200 cc (m <sup>2</sup> · day)

### Performance Specifications

Test Temperature Range:	10°C to 40°C ± 0.2°C
Controlled RH Testing Ranges:	0%, 5 to 90% ± 3%
Maximum Film Thickness:	Up to 120 mil
Carrier Gas:	Nitrogen/Hydrogen Mix (98%/2%)
Test Gas:	100% Oxygen (99.9% pure)

### Dimensions & Weight

Depth: 23" or 58.0 cm  
 Width: 12" or 30.4 cm  
 Height: 15.5" or 39.4 cm  
 Weight 95 lbs. or 43.1 kg

### Connectivity

- Ethernet Port
- 2 USB Ports
- Optional PermNet™ Lite for remote monitoring

### Conformance Standards

- CE, UL, CSA Safety Compliance

### Accessories

- PermWare® software for data collection and remote monitoring
- Custom engineered test cartridges to expand testing capabilities. Options include:
  - Reduced area cartridge
  - Edge effect cartridge
  - Blister testing cartridge
  - Package testing adapter



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