



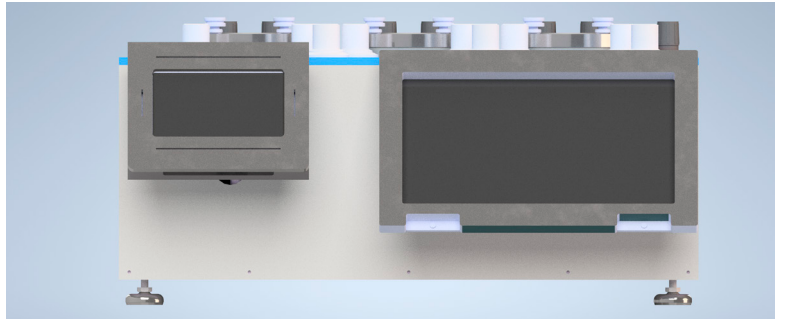
**AGILE, ROBUST,
SMART LAB SYSTEM.**

SUSTAINABILITY AND RESILIENCE.

OXYGEN PERMEABILITY RATE TESTER



The Oxygen Permeability Tester is based on the equivalent pressure method and can be used professionally in determining the oxygen permeability rates of films or sheets.



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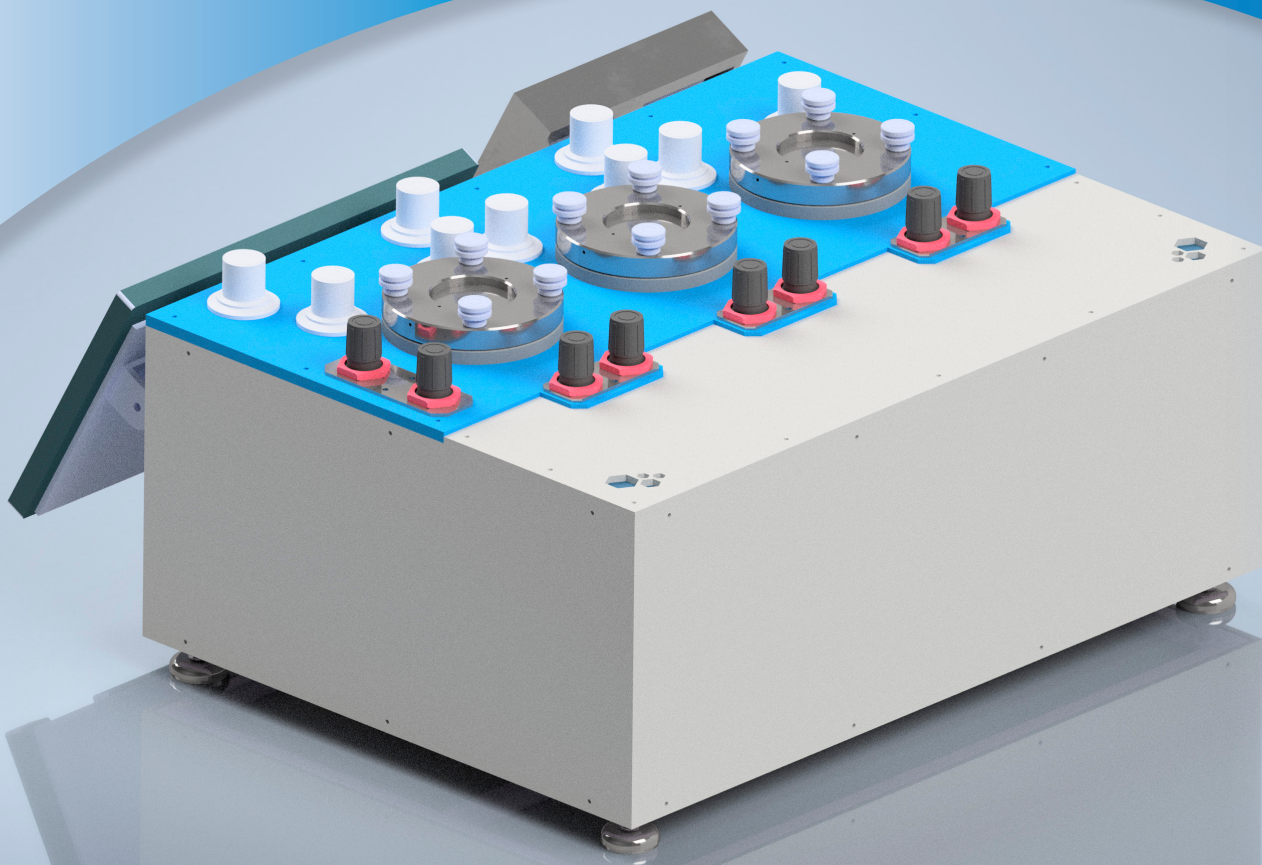
www.alarge.com.tr

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OXYGEN PERMEABILITY RATE TESTER



Oxygen Permeability Tester has 3 test stations. It serves 3 independent test opportunities with same or different samples. The product is highly sensitive and can be used to test films/sheets with low to high OTR values. It is a long- life machine and does not require extra maintenance.

**LOW BARRIER TO HIGH
BARRIER FILMS TEST CHANCE**

**1, 2 AND 3 TEST STATION
OPPORTUNITIES**

LOW GAS CONSUMPTION



TECHNICAL DATA

- ✓ 3 Independent Test Lines
- ✓ Low Gas Consumption
- ✓ Special Low Flow Rate System
- ✓ Opportunity to Determine the Duration of Testing Phases
- ✓ 0.00001 Oxygen Sensor Resolution and Detect Oxygen Molecule in ppm Level
- ✓ Real Time Ppm Change And Oxygen Transmission Rate Graph
- ✓ Low Barrier To High Barrier Films Test Chance
- ✓ Intelligent Electronic and Software System Controls the Whole Test Automatically
- ✓ Specialized Software is Used to Display The Real-Time Test, Analyze, And Report

TEST RANGE:

0.1 – 5000+ Otr cm³ /m²/24h

✓ Oxygen Sensor

Resolution: 0.00001 ppm

✓ Test Area: 50.00 cm²

✓ Gas Pressure:

180–600 mbar

✓ Carrier Gas Flow:

0.00035–0.0007 ml/min

✓ Sample Thickness:

≤3 mm

✓ Test Gase:

99.999% High Purity

Nitrogen

99.95% Oxygen

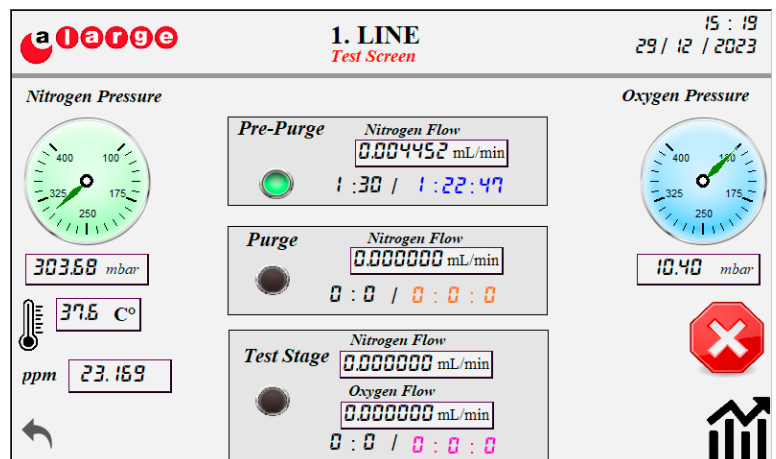
✓ Power Supply:

220 AC

alarge 1. LINE
Test Info

TIME OF PREP-PURGE	01 h 30 min
TIME OF PURGE	03 h 30 min
TIME OF TEST	03 h 30 min

SAMPLE NAME	PE
SAMPLE IDENTIFICATION	
THICKNESS OF SAMPLE	50.00 µm
STANDARD	
NOTE	



Various plastic film (PP/PET/PE/PVC/BOPP/CP, etc.), sheeting, coextrusions, metals, foils, laminated film, paper sheets, other barrier sheet metals, and packages.

Special low flow rate system can measure 0.00035 mL/min flow levels.

Intelligent electronic and software system control test automatically.

