



Y200D Oxygen Permeation Analyzer

Note :
Due to keeping innovation,
the specification and
Machine pictures or color
are subject to alteration
without notice!



Product Description

Computer controlled temperature and humidity simulate actual climatic conditions making the Y200D ideal for testing and researching both current and newly formulated packaging film materials.

Calibration can utilize both standard gas and NIST traceable films for versatility of film to film comparison and reliability of analysis data. Our Y200D model is designed specifically for trace oxygen permeation analysis of packaging barrier films. The Y200D is both modular and extremely flexible.

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Specifications

Measurement range	: 0.02 to 16500 cm ³ /m ² /day
Measuring precision	: 0.001 cm ³ /m ² /day
Temperature Control	: 5-50 degree centigrade
Humidity Range	: dry=0%RH,WET= 5-95%RH ,100%RH
Controlled RH precision	: %RH
Supply pressure	: 25-45 PSI regulated(oxygen & nitrogen)
Gas fitting	: 40 cc/min.
Calibration of Gas	: Yes
Calibration of Film	: Yes
Gas leak protection	: Yes
Automatic testing	: Yes
Easy operation	: Yes
Specimen size	: Φ80mm, through an area of 50.24 cm ²
Thickness	: <1.27mm
Power Requirements: Voltage	: 220V AC
Frequency	: 50 to 60HZ
Dimension	: 610*400*380 mm.
Weight	: 46 Kg
Enclosure	: Epoxy coated heavy gage steel
System requirements:	
486 or 66MHz processor or greater	
Windows 2000 or higher 16MB of RAM	
256 color SVGA monitor	
20MB hard disk space	

Conforms to International Standards

GB/T 19789, ASTM D3985, ASTM F1307, ASTM F1927, ISO 15105-2, JIS K7126-B, YBB 00082003