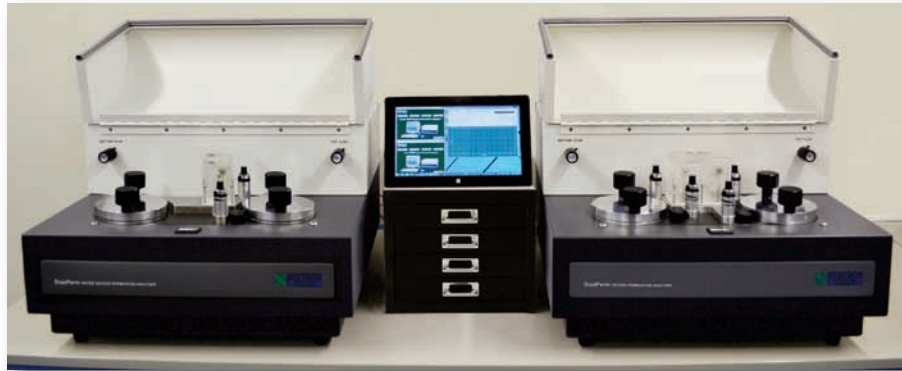


The DualPerm combined OTR and WVTR station offers substantial cost and space savings



Applications

Barrier Film PET Bottles Containers Canisters Flexible pouches Bags

Features & Benefits

- Substantial cost savings
- Shared computer interface with combined OTR and WVTR results
- Benchtop space saving
- Reduced installation & set up costs
- Includes all of the features and benefits of our 8000 Oxygen Permeation and 7000 Water Vapour Permeation Analysers. See specific model data sheets for more details.
- Shared nitrogen supply - reduced cylinder rental costs
- Reliable and versatile testing of films, packages and bottles
- USB/RS232 Communication connections

The DualPerm is a combination package offering substantial cost savings compared to the purchase of two separate permeation analysers. This package allows the sharing of one computer/tablet interface and results, saving time and space on the work bench.

Utilising a shared nitrogen source it will save on running and cylinder rental costs. Also, installation costs are reduced by setting up the system all at the same time.

7000 WVTR & 8000 OTR Permeation Analyser Range



7001 & 7002

533 x 533 x 305 (mm) 23.6kg
2 stations for films or packages.
Precise humidity control. Absolute moisture measurement.



8001

533 x 533 x 305 (mm) 28.1kg
2 stations for films or packages,
precise humidity control, can switch
between wet or dry samples within
minutes.

Technical Specifications

Measurement Range

7001	Unmasked	0.002 to 10 g/m ² /day
	Masked	0.02 to 70 g/m ² /day
7002	Unmasked	0.002 to 70 g/m ² /day
	Masked	0.02 to 1000 g/m ² /day
8001 Films	No masking required	0.008 - 432,000 cc/m ² /day (0.0005 - 28,000 cc/100in ² /day)
8001 Packages		0.00004 - 2,000 cc/pack/day
Test Temperature Range		5°C to 50°C (41°F to 122°F)
Test RH Range 7001 & 7002		20 to 90% RH
8001		Dry (0% RH) or generated RH (20% to 90%)
Film Sample Size		50cm ² , adaptors available for smaller samples

Operating Conditions Standard laboratory environment

Power Requirements 100-240 VAC, 50/60Hz, 840 VA (max)

Options

Expansion Modules 7011 Available for simultaneous WVTR analysis of up to 12 samples

Expansion Modules 8011 Available for simultaneous OTR analysis of up to 12 samples

Environmental Chambers For finished package testing

System Instruments Ltd (UK)

17 Thame Park Business Centre
Wenman Road
Thame, Oxfordshire OX9 3XA
Tel: +44 (0)1844 216838
Fax: +44 (0)1844 217220
E-mail: sales.uk@systechillinois.com
www.systechillinois.com

Illinois Instruments, Inc (U.S)

2401 Hiller Ridge Road
Johnsburg, Illinois 60051
U.S.A.
Tel: +1 815 344 6212
Fax: +1 815 344 6332
E-mail: sales.usa@systechillinois.com
www.systechillinois.com

Illinois Instruments (Thailand)

26/6 Ladprao 23, Jatujak,
Bangkok 10900
Thailand
Tel: +66 (0)2030 5851
Fax: +66 (0)2030 5850
Email: sales.ap@systechillinois.com
www.systechillinois.com

System Illinois (China)

Room 1107-1108 Forte Building
No. 910 Quyang Rd, Hongkou district
Shanghai, China 200437
Tel: +86 21 65533022
Fax: +86 21 65539651
Email: info@systechillinois.cn
www.systechillinois.cn