PERMEATION ANALYZERS
OPTIONAL ACCESSORIES

Get more from your MOCON Permeation Analyzers with these optional accessories.

Testing Cartridges for Films
Increase the utility and efficiency of your MOCON analyzer with these interchangeable, removable test cartridges including some application specific designs for traditionally hard to test samples.

Standard 50cm² Film Test Cartridge

- Easy to prepare and mount samples on workbench
- Interchangeable between OTR & WVTR for precisely controlled RH testing
- Optional 100% RH testing version for WVTR
- Truseal flush ring at the perimeter ensures a leak-free seal every time increasing accuracy and repeatability
- Extra cartridges allow staging of samples to increase lab throughput

Reduced Area 5.64 cm² Film Test Cartridge

- Extends upper detection level of unit by a factor of 9
- Eliminates cost and labor of using aluminum foil masks
- No adhesive compatibility issue, more accurate
- Reusable, better repeatability than using foil masks
- Sample is reusable, not damaged by adhesive
- Interchangeable between OTR & WVTR for precisely controlled RH testing
- Optional 100% RH testing version for WVTR
- Truseal flush ring at the perimeter ensures a leak-free seal every time increasing accuracy and repeatability

Edge Effect Film Test Cartridge

- Unique “Dam” design seals the edge of the sample from ambient air or moisture
- Allows accurate testing of barriers with inherent leakage through the edge or “cross section” such as paper-based products
- Interchangeable between OTR & WVTR for precisely controlled RH testing
- Optional 100% RH testing version for WVTR
- Sample test area 50 cm²
**High Temperature Film Test Cartridge**
- Remote film test cell for use in environmental chambers
- Allows testing at higher temperatures
- Central clamping point provides accuracy and repeatability
- Interchangeable between OTR & WVTR for precisely controlled RH testing
- Optional 100% RH testing version for WVTR
- Sample test area 50 cm²

**Remote Testing Cartridge Adapter**
- Cartridge adapter fits into modified drawer allowing testing with remote film test cell or package testing fixtures
- Enlarged adapter extends connection fitting beyond drawer for easy access without opening drawer
- Kit includes modified drawer and gate to fill opening when using regular film cartridges

**Contact Lens Test Cartridge**
- Special test cartridge designed to hold contact lenses
- Sponges allow 100% RH testing environment
- Allows accurate and repeatable gas permeation testing of contact lens

### Cartridge Name Summary

<table>
<thead>
<tr>
<th>Cartridge Name</th>
<th>Precise RH</th>
<th>100% RH</th>
</tr>
</thead>
<tbody>
<tr>
<td>Standard 50 cm² Film Test Cartridge</td>
<td>051-810</td>
<td>052-045</td>
</tr>
<tr>
<td>Reduced Area 5.64 cm² Film Test Cartridge</td>
<td>052-122 ea, 052-405 Pair</td>
<td>052-130 ea, 052-404 Pair</td>
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<tr>
<td>Edge Effect Film Test Cartridge</td>
<td>052-179 ea, 052-339 Pair</td>
<td>052-186 ea, 052-340 Pair</td>
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<tr>
<td>High Temperature Film Test Cell</td>
<td>051-585 (Open bottom)</td>
<td>050-655 (Closed bottom)</td>
</tr>
<tr>
<td>Remote Testing Cartridge Adapter Kit</td>
<td>054-030</td>
<td>-</td>
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<tr>
<td>Contact Lens Test Cartridge</td>
<td>-</td>
<td>052-505</td>
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<td>Instrument Usage:</td>
<td>OX-TRAN 2/12, 2/22 PERMATRAN 3/34G, AQUATRAN 3</td>
<td>PERMATRAN 3/34 G, AQUATRAN 3</td>
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</tbody>
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AMETEK MOCON offers a range of accessories to enhance the utility and efficiency of permeation testing in your laboratory. Please contact us at 763.493.6370 or info.mocon@ametek.com for questions or details about optional accessories.