



EVOM™ Auto High Throughput Screening System

THE GOLD STANDARD IN TEER TECHNOLOGY NOW OFFERS A COMPLETE HTS SYSTEM, ENHANCING ACCURACY AND EFFICIENCY



PLATES
IN STOCK
NOW

World Precision Instruments (WPI), the global leader in Trans Epithelial Electrical Resistance (TEER) technology, is proud to introduce the EVOM™ Auto, our newest entry into our pioneering EVOM family of products. The EVOM™ Auto automates measurements of TEER in epithelial or endothelial monolayers cultured on high throughput screening 96-well plates utilizing our innovative EVOM technology, qualitatively measuring cell monolayer health and quantitatively measuring cell confluence by determining an increase or a plateau in tissue resistance. Automated measurement of tissue resistance in cell culture microplates provides the advantages of speed, precision, decreased opportunity for contamination and the rapid availability of measured resistance data. EVOM™ Auto produces a low AC current that avoids electrode metal deposits and is specially designed for the non-destructive, high throughput screening of epithelial monolayer confluence in cell cultures.

System Includes

1

2

3

EVOM™ AUTO

- Most reliable and convenient method of evaluating and monitoring the structural integrity of epithelial tissue culture in vitro
- Streamlines workflow and minimizes human errors with HTS capabilities
- Reduces experimental processing time and eliminates human errors
- Measures cellular activity label-free and real-time

ELECTRODE ARRAY

- Array of 8 pair of (1mm Φ) electrodes
- Specially designed electrode array fits precisely in the PermaCell 96-Well plate, ensuring consistent placement
- Perform resistance measurements directly in the PermaCell plate, common or divided, reducing the possibility of contamination and mechanical damage to your cultured cells

PERMACELL 96 PLATE

- PermaCell cell culture plates designed for 2D/3D organotypic cell culture applications are easily adaptable to TEER measurements and other analytical techniques
- 96-well insert plates connect in a single, rigid tray
- Pore size of 0.4 μm
- Transparent PET membrane with high pore density
- Large access ports for efficient media sampling

NEW PROMOTION

COVER YOUR ASSAY PROTECTION PLAN

- You get the Premium Warranty on EVOM™ Auto and additional coverage of your electrode array when you buy as few as 120 PermaCell plates a year from WPI
- Learn more about the Cover Your Assay Protection Plan on the reverse side or visit www.wpiinc.com/auto-cya.

Specifications

| | | | | | |
|--------------------------------|--|--|-------------------------------------|--|--|
| AUTOSAMPLER DIMENSIONS (W×D×H) | | 16×10×8.4" | NUMBER OF RINSE STATIONS | | 3 |
| Autosampler Weight | | 15.5 lbs. | Electrode Array for 96 HTS Plate | | 15.5 lbs. |
| CE Certified | | Yes | Minimum Sample Reading Time | | 1 Second |
| Compatibility | | Most Manufacturer's 96-Well HTS Plates | Control Device for Running Software | | Tablet, Laptop, Desktop with Wi-Fi adapter |
| Resistance Range | | 10KΩ, 50KΩ, 100KΩ | Output Data | | CSV/Microsoft® Excel |

System Components

Additional system components includes: PermaCell 96-well cell culture plates, specially designed for 3D organotypic cell culture applications and easily adaptable to TEER measurements and other analytical techniques. As an add-on to the new system, WPI is offering the new Cover Your Assay Protection Plan, which extends the warranty for your EVOM™ Auto hardware and the 96 HTS Electrode Array, ensuring your valuable research continues uninterrupted. Your equipment is protected, so that your results are covered.

Cover Your Assay Protection Plan

WPI recognizes how valuable your research is and strives to ensure that your research continues with minimal disruption when unexpected events occur. In an effort to best support researchers and minimize equipment and personnel downtime, we are pleased to introduce our Cover Your Assay Protection Plan. For a limited time, EVOM™ Auto System purchasers have the opportunity to be upgraded to Premium Warranty coverage on the EVOM™ Auto and Electrode Array when you commit to purchase as few as 120 PermaCell insert plates per year. This plan coverage exceeds the EVOM™ Auto standard manufacturers warranty and includes accidental damage to your equipment. If our Precision Care Center is unable to repair your EVOM™ Auto unit within 5 days, a unit will be shipped to you overnight, pending availability. Our Cover Your Assay Protection Plan also extends the Electrode Array warranty from 30 days to include up to two electrode replacements per year. This plan covers:

REPAIRS OF
ACCIDENTAL
DAMAGE

LIVE
TECHNICAL
SUPPORT

ANNUAL
CALIBRATION
AND
MAINTENANCE

SOFTWARE
UPGRADES
WHEN
AVAILABLE

EVOM™
AUTO AND
ELECTRODE
ARRAY

For details, see: www.wpiinc.com/auto-cya

Return Policy

- When a full system is purchased, only the full system may be returned.
- Once insert plates are opened, plates cannot be returned for a refund. If a system is returned, the regular selling price of the plates will be deducted from the system price for a partial return credit.
- The CYA Protection Plan guarantee is void if the minimum insert plate purchase has not been made.
- Warranty may be reinstated if the purchase quantity is made current.

*WPI is an authorized distributor of MatTek PermaCell insert plates.

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