



Compare EVOM™ Meters for Manual TEER Measurement

See How You Improve Your Research Results When You Upgrade

For over 30 years, WPI has been perfecting the equipment for measuring Transepithelial Electrical Resistance (TEER). Researchers have relied on WPI's EVOM™ technology for the development of over 16,000 peer-reviewed published research papers that use WPI TEER measurement meters. Here we compare the commonly used TEER meters in laboratories today. Below is a comparison of the most commonly used TEER meters in laboratories today.

EVOM™ METER COMPARISON



EVOM2
Epithelial Voltohmmeter



MilliCell® ERS-2
Voltohmmeter



EVOM™ Manual
TEER Measurement Meter
EVM-MT-03-01

Price	Discontinued	--	\$5125
Resistance Range	0 to 9999Ω	0 to 9999Ω	0 to 10,000 Ω 0 to 50,000 Ω 0 to 100,000 Ω AUTO
AC Square Wave Current Nominal at 12.5Hz	±10μA	±10μA	±10μA for 10,000 Ω Range ±4μA for 50,000 Ω ±2μA for 100,000 Ω ±2μA, 4μA and 10μA for AUTO mode
Electrode Connection	RJ-11 Connector STX Electrode Included	RJ-11 Connector STX Electrode Included	Mini XLR Connector Electrode Options Available, sold separately
Membrane Voltage Range	±200.0 mV Voltage Resolution= 0.1 mV	±200.0 mV Voltage Resolution= 0.1 mV	±200.0 mV Voltage Resolution= 0.1 mV
Unit Warmup Time	20 min.	20 min.	Ready for immediate use
Resistance Mode for TEER			

*Trade-in options available for WPI manufactured TEER meters, including the EVOM2, EVOM3, and ERS-2.

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EVOM2
Epithelial Volttohmmeter



MilliCell® ERS-2
Volttohmmeter



EVOM™ Manual
TEER Measurement Meter
EVM-MT-03-01

PD (mV) Mode for Active Transport Studies



Compact, Lightweight, & Portable



Non-Invasive Measurement with EVOM™ Technology



Smart Touchscreen Controls



Selectable Resistance Range



Auto Data Logging

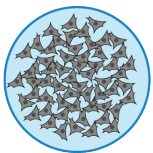


Hands-Free Operation



APPLICATIONS FOR EVOM™ TECHNOLOGY

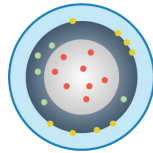
Here are some popular applications for which EVOM™ technology is used.



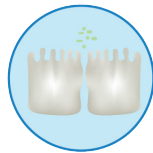
Confluence of Monolayer



Drug Discovery



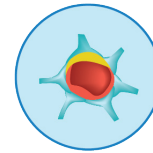
Permeability of Transport of Ions or drugs



Epithelial/Endothelial Barrier



Intestinal Drug Absorption



Blood Brain Barrier



Lung in vitro Models for COVID Studies



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