

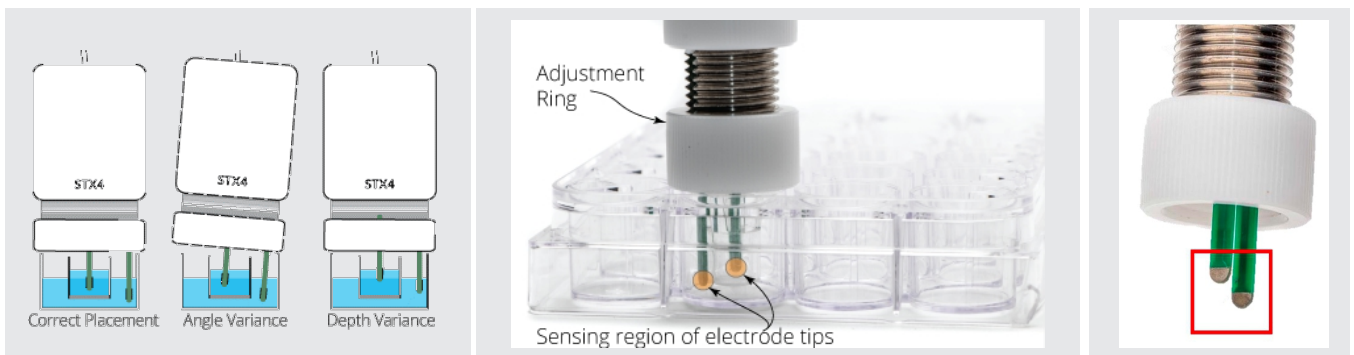
## 第四代跨上皮电阻测量仪：EVOM4

### 仪器概况

最新上市的EVOM4是在TEER测量的黄金标准设备EVOM2和深得用户喜爱的EVOM3的基础上开发出来的，可为用户提供多渠道、方便和安全的数据下载，测量的TEER数据值精度高、非常稳定和重复性好。

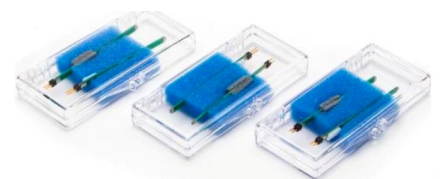
EVOM4测量设备与EVOM2和EVOM3相比，除了具有使用最新的微处理器和电路板，脚踏开关测量，自动存储数据到U盘，自动20次采样平均等便捷功能外，还新增了可以使用App下载数据功能，这样可以使数据下载更加安全。

EVOM4的工作原理同样是通过发送微安级小电流穿过组织或细胞层，从而可以定性测量组织细胞单层的健康状况，并通过使用我们创新的技术检测组织阻抗的增加或平台来定量测量细胞融合度。



### 仪器特征

- 配重平衡电极解放双手，放置更稳，消除定位差异，提高测量精度。
- 采用最新科技对电极尖端进行包被，无需每天对电极进行氯化。
- 电极感应尖端更短，插入内插及孔板内需要的液体体积更少。
- 两个电极片无需特殊工具可替换，不用更换整个电极，使电极的更换更具成本效益。
- 使用更好的屏蔽电缆可最大限度地减少或消除外部手机、电磁电气对TEER测量读数的干扰。
- 测量数据可通过app下载，也可通过U盘下载。
- 自动20次采样平均改进精确度和稳定性。
- 阻抗从1-100,000  $\Omega$  自动调整或从三个固定测量电流（2、4或10微安）中选择一个电流范围；



### 仪器应用

- 测量上皮或内皮组织细胞的融合、TEER值和电位差异。
- 测量血脑屏障的屏障功能和药物、营养物转运机制研究等。
- 肺上皮的屏障功能、病毒感染和药物、营养物转运机制研究。
- 皮肤上皮细胞屏障功能、药物及营养物转运机制研究。
- 肠道上皮细胞屏障功能、物质转运吸收研究。
- 视网膜屏障功能、糖尿病视网膜病变和药物、营养物吸收研究。
- 胎盘屏障、血脑屏障和口腔黏膜、鼻腔黏膜药物吸收转运研究。





## 订购信息

EVOM4	阻抗测量主机，含以下部分：	EVM-EL-03-01-02	ENDOHM-12测量电极
300749	32G带驱动U盘	EVM-EL-03-01-03	ENDOHM-24测量电极
503535	USB连接线	EVM-EL-03-03-05	STX康宁96孔板测量电极
99673	1000欧姆标准测试电阻	EVM-EL-03-03-02	STX密立博96孔板测量电极
803025	交流电源线及充电器	EVM-EL-03-03-03	STX法尔康24孔板测量电极
13142	脚踏开关	EVM-EL-03-03-04	STX康宁24孔板测量电极
可选配置：		EVM-EL-03-03-01	STX4可替换电极
99672	接STX2电极适配器	EVM-AC-03-01-01	STX4可替换电极片
EVM-EL-03-01-01	ENDOHM-6测量电极	EVM-AC-02-01-01	STX4电极与EVOM2适配器

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