Organo Biotech

AngioTEER™

AngioTEER is a high-throughput and automated TEER meter developed to address the limitations of conventional TEER meters. Traditional TEER sensors lack high-throughput capabilities, creating challenges in measuring larger sample sizes. Additionally, their manual measurement process can introduce human bias and errors into the results. AngioTEER consists of two main components: an electrode board housing an array of gold-plated electrode pairs and an enclosure designed to encase the electrode board for user convenience. The electrode board includes a built-in power cable and Wi-Fi connection, enabling users to power and access the device seamlessly via Wi-Fi and the AngioTEER software, which automatically records measured values in real-time. The device is designed to be compatible with ***IFlowPlate***, ***AngioPlate***, and ***UniPlate***, and functions as a lid for seamless integration. AngioTEER enables automated, high-throughput evaluation of tissue barriers, particularly for assessing drug-induced toxicity in a time- and dose-dependent manner.

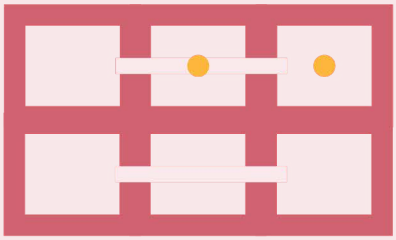
KEY FEATURES

- **BROAD AND ADJUSTIBLE RANGE:**
  Default range of 3,000–10,000 ohms, expandable to 50,000–200,000 ohms.
- **HIGH THROUGHPUT AND AUTOMATED DATA COLLECTION**
  Supports data collection from up to 128 tissues, with real-time continuous measurement of 64 tissues.
- **COMPACT AND EASY TO USE**
  Fully portable when powered by an external battery. Enables wireless data transfer to customized software for seamless data collection.
- **COMPATIBILITY**
  Compatible with IFlowPlate384 (A001-2), AngioPlate384, and UniPlate384.
- **DURABLE**
  Features easy-to-clean electrodes and a robust enclosure design for long-lasting performance.

Detailed instructions for use are available on www.organo-biotech.com

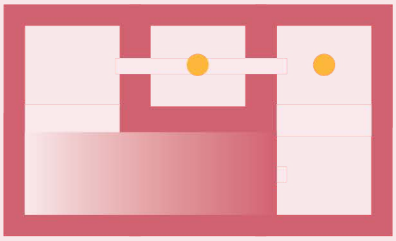
Customizable electrode positions

B002



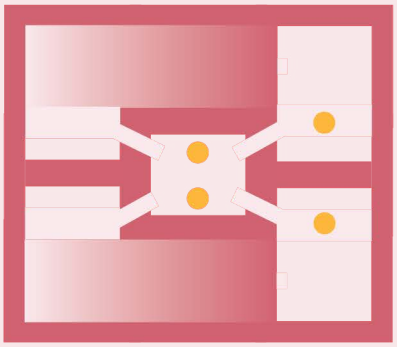
IFlowPlate384 (A001-2)
AngioPlate384

B002



UniPlate384

B002-2



UniPlate384 II

Specifications

Product code	B002; B002-2
Power requirement	24 VDC; 2.5 Amp
Operating relative humidity	5 – 90% non-condensing
Operating temperature	4 - 40°C
Altitude	<2000m
Storage temperature	-40 to 50°C
Compatibility	Works with IFlowPlate (A001-2), AngioPlate, UniPlate, and UniPlate II
Range	Default range of 3,000–10,000 ohms, expandable to 50,000–200,000 ohms.
Operational space requires	+\-30 degrees tilt with single shelf: minimal height of 20 cm; 37.5cm of width; and 39cm in depth
Weight of equipment	0.5kg
Warranty	1 year
Certification	CE
Software for data collection