



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

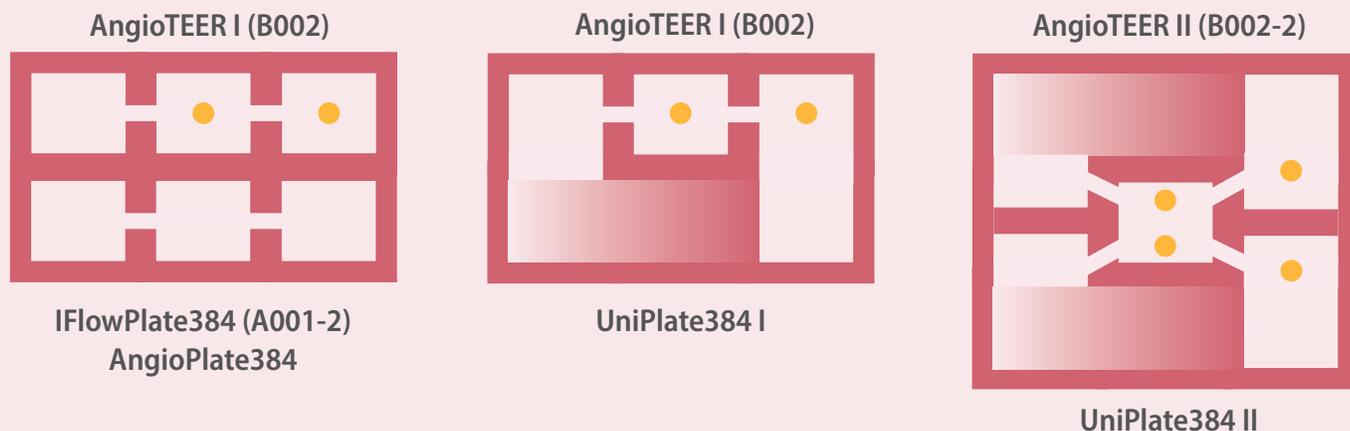
Wi-Fi connection, enabling users to power and access the device seamlessly via Wi-Fi and the AngioTEER software, which automatically records measured values in real-time. The device is designed to be compatible with *IFlowPlate*, *AngioPlate*, and *UniPlate*, and functions as a lid for seamless integration. 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 daily data collection from up to 128 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**
AngioTEER I is compatible with IFlowPlate384 (A001-2), AngioPlate384, and UniPlate384 I. AngioTEER II is compatible with UniPlate384 II.
- **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



Specifications

Product code	AngioTEER I (B002); AngioTEER II (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	-4 to 40°C
Compatibility	AngioTEER I (B002) is compatible with IFlowPlate (A001-2), AngioPlate, UniPlate I. AngioTEER II (B002-2) is compatible with UniPlate II.
Range	Default range of 3,000–10,000 ohms, expandable to 50,000–200,000 ohms.
Device dimension	7 cm (H); 12 cm (W); and 15 cm (L)
Weight of equipment	0.5kg
Warranty	1 year
Certification	CE
Software for data collection	

