



Calibration tool

Monitoring software

Artemis TEER Detector

SmartSense

Specifications Locsense Artemis impedance spectrometer

Series: AC21001005001- AC21001005001 AC21002005001- AC21002005005

Product description

The Artemis impedance spectrometer/TEER detector is combined with SmartSense, Calibration tool and Software. The Artemis is compatible with transwell plates with inserts, including Corning, Greiner, VWR and NUNC. Benefits of the Artemis are that the measurements are performed:

- ✓ vibration free
- ✓ at constant temperature
- ✓ non-destructive

Specifications

Description	Value
<i>Dimensions Artemis l x w x d</i>	385 x 230 x 90 mm
<i>Dimensions Smartlid l x w x d</i>	180 x 160 x 56 mm
<i>Frequency range incubator application</i>	10 Hz – 100 kHz
<i>Frequency range benchtop application</i>	10 Hz – 1 MHz
<i>Impedance range</i>	10 - 4000 Ω
<i>Nr of Channels</i>	12
<i>Operating temperature</i>	5 - 40 °C
<i>Storage temperature</i>	Room temperature
<i>Power supply</i>	24 V AC
<i>Connection Artemis to SmartSense</i>	D-sub
<i>Connection to PC</i>	Ethernet
<i>Compatible with transwell types</i>	12 and 24 wells; NUNC, Corning, Greiner, VWR etc.
<i>Electrode material</i>	Gold
<i>Cleaning</i>	IPA; ethanol
<i>Cleaning</i>	Parts in contact with cells are autoclavable



Normative references

The Artemis is tested in conformity with the relevant Union harmonization legislation:

<i>Name</i>	<i>Version</i>
<i>Low voltage guideline</i>	2014/35/EU
<i>EMC standards</i>	2014/30/EU

The following harmonized standards and technical specifications have been applied:

<i>Standard</i>	<i>Year</i>	<i>Title</i>
<i>NEN-EN-IEC 60204-1</i>	2006	Safety of machinery; Electrical equipment of machinery; Part 1: General requirements
<i>NEN 5152</i>	2009	Technical drawings graphical symbols for Electro technology