

SmartUSSING-System

System for Epithelial membrane research

Technical Specifications

General Characteristics	
Operating Temperature	10 °C to 40 °C (40 °F to 104 °F)
Relative Humidity	20 - 80 %
Dimensions of the rail (W x D x H)	380 mm x 75 mm x 20 mm
Weight of the rail	661 g
Power Supply Unit (FSP150-ABA)	
AC input	100 V to 240 V ~ 2 A @ 50 - 60 Hz
DC output	24 V = 2.7 A
Power	30 W
Amplifier	
Compliance	± 50 V
Sample frequency	10 kHz
Current range	± 100 µA and ± 10 mA, switchable
Data resolution	24 bit
Measuring Chamber	
Number of chamber(s)	Modular: 1 to 6 chambers
Type of chambers	Customized: Vertical and horizontal
Connection for the USSING rail	USB-C
Software	
Operation System	Microsoft Windows ® 10, English version
Online data acquisition software	USSING Control
Offline data analyzing software	USSING Analyzer
Connection to the computer	USB 2.0 High Speed