Ingenio® EZporator® Electroporation System

Technical Specifications for MIR 51000

EZporator® Electroporation System Product User Manual available at mirusbio.com/literature



The Ingenio® EZporator® Electroporation System was developed with both efficiency and simplicity for the researcher in mind and is designed specifically for use with Ingenio® Electroporation Kits and Solution. For labs that need a cost-effective, straightforward solution without sacrificing performance, this system provides a robust and universal approach for multiple insect and mammalian cell culture applications, including gene expression, RNAi, stable cell line generation, and CRISPR/Cas genome editing.

Technical Specifications

Display	Type: 16-character liquid crystal LCD backlit
Power Source	
Voltage	100 to 240 Vac, 50-60 Hz, CAT I
Power	800 W
Fusion	2.5 A, T rating 250 V
Environmental Usage	
Operating Temp.	10°C to 40°C
Cooling	Convection through metal case
Relative Humidity	Avoid excessively humid working environments
Altitude	<2,000 m above sea level (operating)
Charge Time	5 second maximum

Mechanical Characteristics

Maximum Voltage	Output: 2,500 Volts Peak
Maximum Pulse Length	125 ms @ 400 Volts peak or 5 ms @ 2,500 Volts peak
Pulse Waveform	Exponential Decay
Low Voltage (LV) Mode	Voltage range of 20 - 400 V with 2 V resolution; 1,050 µF capacitance
High Voltage (HV) Mode	Voltage range of 30 - 2,500 V with 10 V resolution; 36 µF capacitance
Resistance	150 ohm resistor
Pollution Degree 2	Not to be operated in conductive pollutants atmosphere

mirus bio®

Customer and Sales Support

Mirus Bio LLC
5602 Research Park Blvd., Suite 210
Madison, WI 53719 USA
Phone: 888.530.0801 (Toll Free within the U.S.) or +1.608.441.2852
Customer Service Email: customerservice@mirusbio.com
Technical Support Email: techsupport@mirusbio.com

If outside the U.S., please contact your nearest official Mirus Bio International Distributor (see *mirusbio.com/distributors*).

NOTES



EZporator® Electroporation System Product User Manual available at *mirusbio.com/literature*

©1996-2024 All rights reserved. Mirus Bio LLC. All trademarks are the property of their respective owners.
For terms and conditions, visit www.mirusbio.com

Rev2.0 13SEP2024