Separate-Control Electrophoresis Power Supply

FL-500ST



- FL-500ST Separate-Control

Technical Parameters

Model	FL-500ST
Dual-channel Input	Each channel can be set to run different electrophoresis parameters simultaneously, enabling dual-use with one machine
One Machine with Multiple Tanks	Capable of running four electrophoresis tanks simultaneously
Output Mode	Continuously adjustable constant voltage, constant current, and constant power
Output Range	5-500V / 1-3000mA / 1-500W
Resolution	Voltage (1V), Current (1mA), Power (1W)
Timing Range	1min~99h59min
Stored Programs	10 programmable, savable, and recallable programs
Memory Recovery	Automatically memorizes and restores operating parameters before shutdown or power failure
Step Function	Each program can run in up to 10 steps, enabling automatic sequential operation of stacking gel and separating gel in protein electrophoresis
Protection Function	Overcurrent, overload, over-temperature, no-load, short-circuit, and sudden load change protection functions
Touch Operation	7-inch touch screen with an automatically generated numeric keypad for settings
Display Function	Screen displays clock, timer, and set/actual values of voltage, current, and power
Auto-generation	When one parameter is fixed, the maximum values of the other two are automatically generated
12V Output	Can independently output 12V DC voltage to power devices such as blue light illuminators
Dimensions	30×30×13cm
Weight	3kg