

Thermo EC Series 90 High Voltage Power Supplies

- Suitable for submarine electrophoresis, SDS PAGE, DNA sequencing and multiple step IEF
- All models offer constant voltage, constant current and constant power operating modes, with automatic cross-over



Non-programmable



Programmable power supply

Programmable Power Supplies

- Allows up to 20 programs to be stored each having up to 10 different steps
- “Smart Key” programming eliminates confusion and the need to refer to the operating manual
- Four output connectors allow multiple chambers to be run simultaneously
- All models feature an auto restart function in case of temporary power interruption

Specifications - Programmable Models

MODEL	EC4000P	EC6000P	EC600-90	EC6000-90
Maximum Voltage	4000 V	6000 V	4000 V	6000 V
Maximum Current	300 mA	200 mA	300 mA	200 mA
Maximum Power	300 W	200 W	300 W	200 W

Specifications - Non-Programmable Models

MODEL	EC4000P	EC6000P	EC600-90	EC6000-90
Output Modes	Constant power, constant voltage or constant current with automatic cross-over		Constant power, constant voltage or constant current with automatic cross-over	
Regulation	1%		1%	
Accuracy	±1.5% full scale for each display.		±1.5% full scale for each display.	
Number of Output Terminals	Four recessed sets of 4 mm sockets (female)		Four recessed sets of 4 mm sockets (female)	
Auto-Restart Function	Yes	Yes	Yes	Yes
SAFETY FEATURES				
Ground Leakages Detection	Yes	Yes	Yes	Yes
No Load Detection	Yes	Yes	Yes	Yes
Overcurrent Detection	Yes	Yes	Yes	Yes
Overheating Detection	Yes	Yes	Yes	Yes
Input Power			110/230 VAC, 50/60 Hz, 450 w	
Dimensions W x D x H	320 x 310 x 158 mm		320 x 310 x 158 mm	
Weight (net)	5.46 Kgs		5.46 Kgs	

PROGRAMMING

Max Programs	20	20		
Max Steps/Programs	10	10		
Timer	00.00 - 99.59			
Volt-hour Integrator	99,999 V-H maximum			
mA-hour Integrator	99,999 mA-H maximum			
W-hour Integrator	99,999 W-H maximum			

Ordering Information

Cat. No.	Description		Unit
EC600-90	Thermo EC series 90 high voltage power supplies	4000V	Each
EC6000-90	Thermo EC series 90 high voltage power supplies	6000V	Each
EC4000P	Thermo EC series 90 high voltage power supplies	4000V	Each *
EC6000P	Thermo EC series 90 high voltage power supplies	6000V	Each *

2000V and 3000V models also available please contact our customer service department for details.

*Programmable