

Invitrogen ZOOM Dual Power Supply



The ZOOM® Dual Power is a microprocessor-controlled programmable power supply capable of running both high voltage/low current and high current/low voltage applications concurrently. The high voltage/low current section is ideal for sample fractionation,

Rating: Not Rated Yet

Price

Sales price \$1,350.00

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Manufacturer [Invitrogen](#)

Description

The ZOOM® Dual Power is a microprocessor-controlled programmable power supply capable of running both high voltage/low current and high current/low voltage applications concurrently. The high voltage/low current section is ideal for sample fractionation, IPG strips, IEF, and DNA sequencing applications. The low voltage/high current section is for SDS-PAGE, native PAGE, second-dimension SDS-PAGE, DNA/RNA electrophoresis, and blotting applications. Four sets of output jacks on each side of the unit allow for multiple apparatus to run simultaneously, offering greater workflow efficiency and higher sample throughput. Some of the important features of the ZOOM® Dual Power unit include:

- High voltage/low current and low voltage/high current sides can be used independently and concurrently
- Multiple output jacks allow for the simultaneous running of up to four electrophoresis apparatus on each side of the unit
- Memory stores up to 30 programs (15 programs per side) of up to six steps per program. Step and ramp functions for discrete and gradual changes of electrical parameters
- No Load detection alarm system can be disabled to power high voltage applications that require very low current

Specifications of the ZOOM® Dual Power

High voltage/Low current output range

Voltage: 1–3500 V; adjustable in 1V steps

Current: 0.01–10.0 mA, adjustable in 0.01 mA increments

Power: 0.1– 35W in 0.1 W steps

Low voltage/High current output range

Voltage: 1–250 V; adjustable in 1V steps

Current: 1–800 mA, adjustable in 1 mA increments

Power: 1–200 W in 1 W steps

Power Outlets

Electrophoresis: Invitrogen ZOOM Dual Power Supply

4 pairs of terminals

Programs Stored

15 programs, up to 6 steps each

Duration Limits

Time: 1 to 9999 min in 1 min steps

Voltage Hours: 1 to 65000 V-hr in 1 V-hr steps

Operating Modes

Constant voltage, constant current, constant power

Circuit Protection

Open Circuit; Short Circuit; Thermal Protection Over Voltage, Over Current, Over Power

Safety

No Load Detection Enable/Disable Isolated Floating Ground

Memory Control

Non-volatile, up to 24 hours. Custom Methods Stored to RAM

Display

LCD, view area 111.7 x 86mm

Temperature

Ambient 4-40°C

Dimensions

23.5 cm (w) x 34.5 cm (h) x 31 cm (d) (37 cm (d) with power cord attached)

Weight

12 kg (26.5 lbs)

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