

Instruction Manual for the Revolutionary Science RS-PS-75 Electrophoresis Power Supply



REVOLUTIONARY SCIENCE

Manufacturer of Precision Laboratory Equipment

Table of Contents

Introduction	2
Recommended Safeguards	3
Operating Instructions	4
Care and Maintenance	5
Specifications	5
Contact Us	6
Registration	6
Warranty	6
Registration Card	7
Notes and Service Records	8

NOTE: This manual contains important information, safeguards and operating instructions for the operation of the Electrophoresis Power Supply model RS-PS-75 Electrophoresis Power Supply by Alternative Pioneering Research & Development, Inc. (APR&D, Inc.)

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REVOLUTIONARY SCIENCE

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Introduction

Thank you for purchasing the Electrophoresis Power Supply RS-PS-75. We are confident that when used correctly, our Power Supply will provide years of reliable service in your lab or classroom. We have made every effort to use high quality, durable parts to deliver the performance expected of instruments costing 2 to 3 times as much.

Please let us know what you think of our products, positive or negative, so we can continue to enhance and improve our products in the future.

Sincerely,

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Recommended Safeguards

1. NEVER ATTEMPT TO OPERATE THIS PRODUCT ON WET SURFACES!!
2. Do not attempt to touch output jacks with power on.
3. While unit is operating, do not lift from bench or invert.
4. Never place objects other than the appropriate banana plugs in the output jacks.
5. Make all connections and set voltage before turning on power.
6. If red overload lights up, shut off unit and check connections and load.
7. Never attempt to disassemble or modify the RS-PS-75.
8. Shut off unit before disconnecting banana plugs.
9. If the RS-PS-75 is used in a manner not specified by the manufacturer, the protection provided by the unit may be impaired.

Intended uses for the Electrophoresis Power Supply RS-PS-75:

The RS-PS-75 is only intended for biological samples and is not recommended for pathogenic, or particulate samples. Toxic, reactive, radioactive or flammable materials must not be used with the RS-PS-75.

The Electrophoresis Power Supply RS-PS-75 is intended for indoor use with a temperature range of 2°C-40°C. The RS-PS-75 is not intended for high altitude use.

Recommended Room and Storage Conditions:

- Do not store your RS-PS-75 in direct sunlight, or in dusty or poorly ventilated areas.
- Do not store in a cold or moist room for extended periods of time.
- Never immerse your RS-PS-75 in water.

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Operating Instructions

(1) PLACEMENT:

Place unit on a stable, flat and clean surface, at least 6 inches away from the edge of the counter and other moving equipment. Make sure the power cord is clear of hot surfaces and other hazards.

(2) PREPARE CONNECTIONS:

Prepare the connections by plugging the red banana plug(s) into the red output jack(s) and the black banana plug(s) into the black output jack(s).

(3) SELECT APPROPRIATE OUTPUT VOLTAGE:

Simply select desired voltage with slide switch, making sure the selected voltage matches the correct set of banana plugs.

(4) TURNING ON THE POWER:

When the appropriate connections and voltages are set flip power switch to ON. The green power light should then light up. If it does not light up check power cord connection.

(5) OVERLOAD LIGHT

If you see the red overload light turn on then the electrophoresis load is drawing too much current. Shut off unit by flipping the power switch to OFF and then check all connections and the size of the electrophoresis load.

(4) TURNING OFF THE POWER:

Shut off unit by flipping the power switch to OFF

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Care and Maintenance

Your Power Supply should be cleaned periodically to ensure optimum performance. Only clean your Power Supply when you are sure that it is not plugged in. Using a soft cloth soaked in water and mild detergent, wipe the outside of the unit and both sides of the cover. Be careful not to scratch the surfaces with abrasive cleaners or dirty clothes. Make sure you clean any dust or debris from the bottom of the rubber base to permit the rubber to do its job, and avoid sliding around on the bench.

Avoid spilling water into the unit. If water is spilled, quickly invert the unit and allow to drain for several minutes. Do not disassemble the unit or you will void your warranty. Do not operate on wet surfaces.

Power Supply Specifications

Model No.:	RS-PS-75
Power Requirements:	100-240 VAC, detachable grounded cord
Max Power:	52.5 watts
Max Current:	350mA
Net Weight:	1.5 lb.
Dimensions:	10.2cm wide x 12.7cm deep x 7cm tall 5.0" wide x 4.0" deep x 2.75" tall
Voltage Selections:	0 volts / 15 volts / 75 volts / 150 volts
Fuse:	Glass encapsulated fuse
# of Output Jack Sets:	2
Warranty:	2 year, repair or replacement

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Contact Us

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Registration

For your future reference and to expedite answers to your questions, please complete the following information:

Date Purchased: _____

Serial Number: _____

Model Number: _____

Purchased From: _____

Full Two Year Warranty

Your Electrophoresis Power Supply RS-PS-75 is warranted to be free from defect of material or workmanship under normal use for a period of two years from date of purchase. If your RS-PS-75 proves to be defective within this warranty period, Revolutionary Science will repair or replace your unit at our option. This warranty will be void if malfunction is caused by accident, misuse, or negligence, including tampering, abuse, or damage in transit. This warranty excludes any relief for incidental or consequential damages. Some states do not allow limitations on how long an implied warranty lasts or the exclusion or limitation of incidental or consequential damages, so the above limitation may not apply to you. This warranty gives you specific legal rights, you may also have other rights which may vary from state to state. Your RS-PS-75 comes with several built in safety features. Any attempt to interfere with the operation of these features makes this warranty null and void.

To validate this warranty, be sure to complete and return the Warranty Registration Card, found on page 7.

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Please fill out this page, or a copy of it, and send it to the address below to validate your warranty.

Warranty Registration Card for the
REVOLUTIONARY SCIENCE RS-PS-75 Electrophoresis Power Supply
(Please Print)

Date Purchased: _____ Serial Number: _____

Purchased From: _____

Name of Purchaser: _____

Company School Individual (Please check one)

Name of institution: _____

Department: _____

Address: _____

Intended use: _____

Where did you hear of our product?: _____

Comments: _____

Mail to: Revolutionary Science
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