



# SE900 Large Format Vertical Gel Electrophoresis Unit

For highly reproducible second-dimension separations on up to six 28 cm SDS-PAGE gels

The SE900 was designed as a dedicated unit for second dimension electrophoretic separation. It can accommodate up to six 28 cm SDS-PAGE gels which mirrors the throughput of the IEF100 (6 IPG strips). If desired, the unit will accommodate plates of similar size made by other manufacturers.

## Technical Specifications

Gel Plate Size	28 x 21 cm (w x h)
Gel Size	25 x 20 cm (w x h)
Maximum Power Settings	600 V, 1000 mA, 150 W
Maximum Temperature	45°C
Humidity	Up to 80%
Unit Dimensions (w x h x d)	43 x 43 x 20 cm
SE900 Rating	100-240 V, 50-60 Hz, 2A
Buffer Pump	50,000 hour pump life
Weight	13.6 kg
Safety Certifications	EN61010-1, UL61010-1, CSA22.2 1010.1, CE

## Ordering Information

Cat #	Description
SE900-1.0	Large Format Vertical Electrophoresis Unit, <b>Complete</b>
SE900	Large Format Vertical Electrophoresis Unit, <b>Basic</b>

### Complete Unit Includes:

- Separation Tank
- Lid with High Voltage Leads
- Internal PAGE Rack
- Tubing Kit
- Multiple Gel Caster
- Hinged Glass Cassettes-6 pcs

**Basic Unit Includes:** The same as above without the multiple gel caster and hinged glass cassettes.

## Accessories and Replacement Parts

Cat. #	Description
SE9102-1-1.0	Hinged Glass Cassette, 28 x 21 cm, 1 mm thick
SE915	Large Format PAGE Multiple Gel Caster for Use with SE9102 Cassettes
SE252	Caster Clamps pk/4
SE914	Gel Plate Rack, for Holding up to 14 Large Formal Gel Cassettes
SE908	Tubing Kit
SE6056-HV	Replacement High Voltage Leads
PS12-25	Replacement Power Pack for Buffer Pump
SE9056	Replacement Lid with High Voltage Leads
SE9054	Internal PAGE Rack
SE9150	Lower Buffer Chamber (tank) w/pump assembly
SE917	Drain Filters
SE1514	Wonder Wedge
SE913	Separator Sheets
SE912	Space Saver Plate
SE6070	Gel Seal

## Features and Benefits

No upper buffer chamber—no gasket issues and no risk of buffer loss

Utilizes minimal parts—easy to use and reliable

External cooling and internal buffer circulation—ensures an even, constant, and uniform temperature for reproducible results

Up to six 28 cm plates can be run at one time—perfect for high throughput applications

Glass plate sandwiches are hinged cassettes—allows for rapid and easy assembly before use

Built-in draining port—avoids lifting of a heavy buffer-filled tank

Assembly of the tank is easy—no clamps needed

Innovative design enables re-use of tank buffer—decreased buffer consumption for reduced cost