

SE300 miniVE™ Integrated Vertical Electrophoresis and Blotting Unit

Perform both electrophoresis and electro transfer in one sturdy, compact unit



Technical Information

Glass Plate Size (w x h) 10 x 10.5 cm or 10 x 8 cm
 Spacers 0.75 mm, 1.0 mm, 1.5 mm
 Maximum Power Settings
 for Electrophoresis 500 V and 25 W per module
 for Blotting 400 mA and 15 W per module
 Maximum Temperature 45°C
 Indoor Use 4-40°C
 Humidity Up to 80%
 Unit Dimensions (w x h x d) 19.2 x 17.2 x 18.8 cm
 Safety Certifications EN61010-1, UL61010A-1, CSA C22.2 1010.1, CE

Ordering Information

Cat. #	Description
SE300-10A-1.0	miniVE Integrated Vertical Electrophoresis Unit, Complete

Complete Unit Includes:

- Lower Buffer Chamber (tank)
- Gel Modules with Gaskets—2 assemblies
- Safety Lid with High Voltage Leads
- Glass Plates, Rectangular, 10 x 10.5 cm—3 pcs
- Glass Plates, Notched, 10 x 10.5 cm—3 pcs
- Combs, 10-well, 1.0 mm thick—2 pcs
- T-Spacers, 1.0 mm thick—4 pcs
- Well-Locating Decals—2 pcs
- Wonder Wedge Plate Separation Tool
- Gel Seal

Cat. #	Description
SE302	miniVE Blot Module

Includes:

- Blot Module
- Blotter Paper—25 sheets
- Dacron Sponges, 6 mm thick—4 pcs

Advantages

Quick, excellent results using minimal buffer

Passive cooling produces gels with straight lanes and sharp bands

Cast your own or use precast gels from a variety of manufacturers

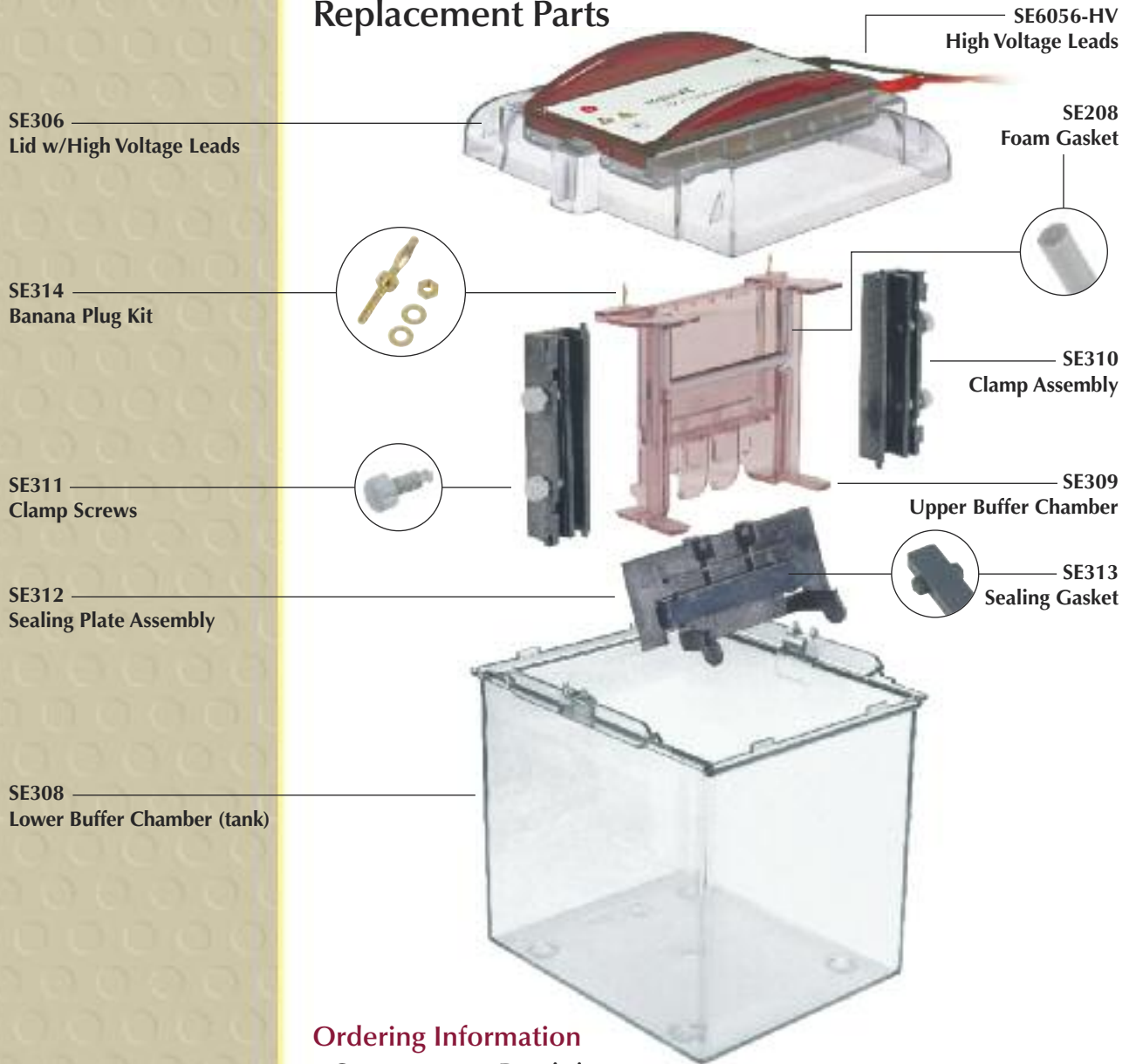
Transfer up to 4 gels in 45 minutes with only 300 ml buffer using optional SE302 Blot Modules

Designed for use with a wide variety of precast gels



SE300 miniVE™ Electrophoresis System

Replacement Parts



Ordering Information

Cat. #	Description
SE306	Lid w/High Voltage Leads
SE6056-HV	High Voltage Leads
SE314	Banana Plug Kit (2 plugs, 2 nuts, 4 washers)
SE208	Foam Gasket, 61 cm
SE311	Clamp Screws-5 pcs
SE309	Upper Buffer Chamber Assembly with Gasket and Banana Plug Kit
SE310	Clamp Assembly
SE312	Sealing Plate Assembly (includes Sealing Gasket)
SE313	Sealing Gasket
SE308	Lower Buffer Chamber (tank)

Accessories:

Ordering Information

Standard Combs

Standard combs produce maximum well depths of 13 mm.

Cat. #	# of Wells	Thickness (mm)	Well Width (mm)	Well Volume (µl per 1mm depth)	Qty.
SE211A-5-.75	5	0.75	13.0	9.8	1
SE211A-5-1.0	5	1.0	13.0	13.0	1
SE211A-5-1.5	5	1.5	13.0	19.5	1
SE211A-9-1.0	9*	1.0	5.8	5.8	1
SE211A-10-.75	10	0.75	4.8	3.6	1
SE211A-10-1.0	10	1.0	4.8	4.8	1
SE211A-10-1.5	10	1.5	4.8	7.2	1
SE211A-12-1.0	12	1.0	4.75	4.75	1
SE211A-15-.75	15	0.75	2.9	2.2	1
SE211A-15-1.0	15	1.0	2.9	2.9	1
SE211A-15-1.5	15	1.5	2.9	4.4	1
SE211A-18-1.0	18*	1.0	2.9	2.9	1

*Microtiter spacing for use w/multichannel pipette

Preparative Combs

Preparative Combs form 1 large preparative well plus 1 small reference well.

Cat. #	# of Wells	Thickness (mm)	Well Width (mm)	Well Volume (µl per 1mm depth)	Qty.
SE211A-R-.75	1/1	0.75	68/5	51/3.8	1
SE211A-R-1.0	1/1	1.0	68.5	68/5	1
SE211A-R-1.5	1/1	1.5	68.5	120/7.5	1

T-Spacers

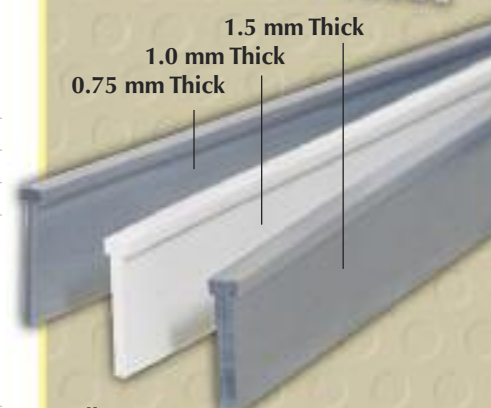
All spacers are precision machined from durable plastics for high chemical resistance and optimum tensile strength.

Cat. #	Thickness (mm)	Length (cm)	Width (cm)	Qty.
SE2119T-2-.75	0.75	8	1	2
SE2119T-2-1.0	1.0	8	1	2
SE2119T-2-1.5	1.5	8	1	2
SE2619T-2-.75	0.75	10.5	1	2
SE2619T-2-1.0	1.0	10.5	1	2
SE2619T-2-1.5	1.5	10.5	1	2

Additional Accessories

Ordering Information

Cat. #	Description
SE6070	Gel Seal-1/4 oz.
SE6003U-2	Clamp Thumbscrews-12 pk (for 8 or 16 cm Clamp)
SE6056-HV	High Voltage Safety Lead Set
SE1514	Wonder Wedge Plate Separation Tool
SER11	Bubble Level



All 1.0 mm T-Spacers are white for easy identification.

