

# SE250 Mighty Small II Mini Vertical Electrophoresis Unit

Designed for quick screening and rapid separation

## Technical Specifications

Glass Plate Size (w x h) . . . . . 10 x 8 cm  
 Spacers . . . . . 0.75 mm, 1.0 mm, 1.5 mm  
 Maximum Power Settings . . . . . 500 V, 500 mA, 12 W  
 Maximum Temperature . . . . . 45°C  
 Indoor Use . . . . . 4-40°C  
 Humidity . . . . . Up to 80%  
 Unit Dimension (w x h x d) . . . . 16.5 x 16 x 16 cm  
 Safety Certifications . . . . . EN61010-1, UL61010A-1, CSA C22.2 1010.1, CE



## Ordering Information

Cat. #	Description
SE250-10A-.75	Mighty Small II Mini Vertical Electrophoresis Unit, <b>Complete</b>

### Complete Unit Includes:

- Lower Buffer Chamber
- Upper Buffer Chamber/Cooling Core
- Safety Lid with High Voltage Leads
- Casting Cradle w/Sealing Gasket Set
- Casting Clamp Assemblies–2 pcs
- Cams–4 pcs
- Glass Plates, Rectangular, 10 x 8 cm–10 pcs
- Alumina Plates, Notched, 10 x 8 cm–2 pcs
- Spring Clamps–4 pcs
- Combs, 10 well, 0.75 mm thick–2 pcs
- T-Spacers, 0.75 mm thick–4 pcs
- Well locating Decals–2 pcs
- Gel Seal

## Glass and Alumina Plates:

### Glass Plates

#### Ordering Information

Cat. #	Description
SE202P-10	10 x 8 cm Rectangular Glass Plates–10 pcs
SE202GN-5	10 x 8 cm Notched Glass Plates–5 pcs
SE262P-5	10 x 10.5 cm Rectangular Glass Plates–5 pcs
SE262GN-5	10 x 10.5 cm Notched Glass Plates–5 pcs

### Alumina Plates (not recommended for use with miniVE)

#### Ordering Information

Cat. #	Description
SE202N	10 x 8 cm Notched Alumina Plate
SE202N-10	10 x 8 cm Notched Alumina Plates–10 pcs
SE262N-5	10 x 10.5 cm Notched Alumina Plates–5 pcs

## Advantages

Maximum glass plate size 10 x 8 cm

Efficient active cooling ensures sharp bands

Quick and easy to assemble

Requires minimal buffer

Easily upgradable to the SE260 (with optional accessories) resulting in the additional capability of accommodating both 10 x 8 and 10 x 10.5 cm gels, enabling a wider variety of precast gel options

Choose from a wide variety of accessories (see page 31)

# 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

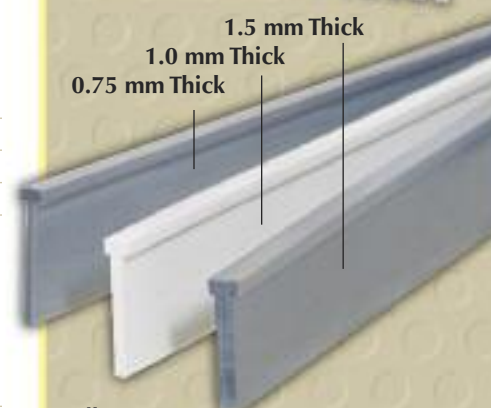
All spacers are precision machined from durable plastics for high chemical resistance and optimum tensile strength.

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.

