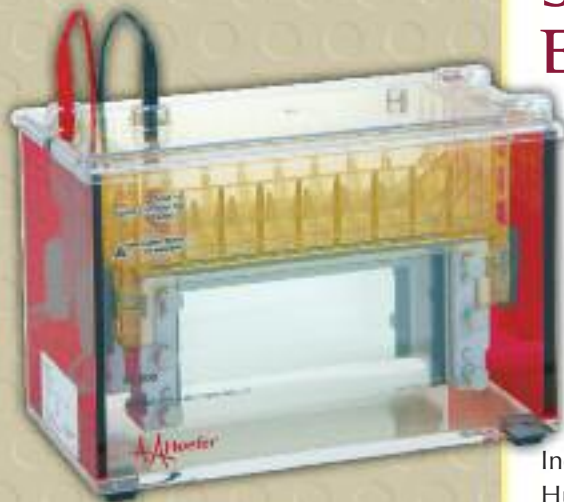


# SE640 Wide-Mini Vertical Electrophoresis Unit



Extra wide format ideal for quick, high throughput runs

## Technical Specifications

Glass Plate Size (w x h)	. . . . 18 x 8 cm
Spacers	. . . . . 0.75 mm, 1.0 mm, 1.5 mm
Maximum Power Settings	. . . 1000 V, 500 mA, and 50 W
Maximum Temperature	. . . . 45°C
Indoor Use	. . . . . 4-40°C
Humidity	. . . . . Up to 80%
Unit Dimensions (w x h x d)	. . . . 32 x 29 x 14 cm
Safety Certifications	. . . . . EN61010-1, CSA C22.2 1010.1, CE

## Advantages

Maximum glass plate size 18 x 8 cm

Permits rapid screening of up to 112 samples at one time

Design permits gels to be surrounded uniformly by buffer so heat dissipation is efficient. Bands are sharp and lanes are straight

Accommodates denaturing or native polyacrylamide gels

Run up to four second dimension gels using IEF strips or tube gels

## Ordering Information

Cat. #	Description
SE640-15-1.5	Wide-Mini Vertical Electrophoresis Unit, <b>Complete</b>

### Complete Unit Includes:

- Lower Buffer Chamber
- Upper Buffer Chamber
- Safety Lid w/High Voltage Leads
- Glass Plates 18 x 8 cm—6 pcs
- 8 cm Clamp Assemblies—4 pcs
- Cams—6 pcs
- Dual Casting Stand w/Leveling Base
- Laminated Gaskets for Casting Stand—2 pcs
- Slotted Gaskets for Upper Buffer Chamber—2 pcs
- Buffer Dam
- Spacer-Mate—Alignment Template
- Wonder Wedge—Plate Separation Tool
- Gel Seal
- Bubble Level
- Combs, 15-well, 1.5 mm thick—2 pcs
- 1.5 mm Thick Spacers (2 cm wide)—4 pcs

Cat. #	Description
SE640	Wide-Mini Vertical Electrophoresis Unit, <b>Basic</b>

**Basic Unit Includes:** The same as above without the combs and spacers. Order two SE511 combs and two sets of 8 cm long spacers separately.

# SE640 Wide-Mini Electrophoresis System

## Replacement Parts

SE6056-HV  
High Voltage Leads

SE6056  
Lid w/High Voltage Leads

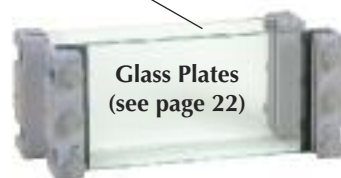
SE6454  
Upper Buffer Chamber

SE6005L  
Cams

SE6432  
Buffer Dam



SE6008B  
Slotted Gasket



SE6403U  
8 cm Clamp Assembly

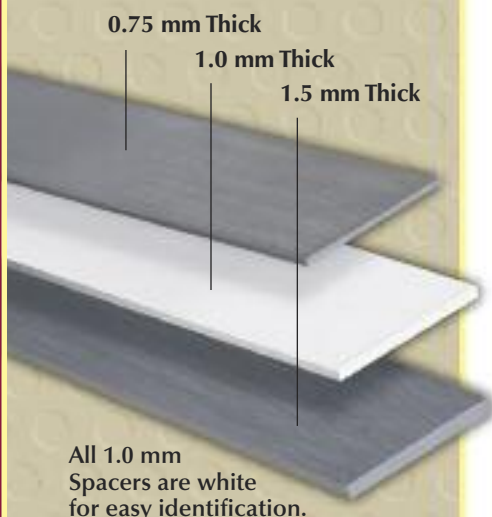
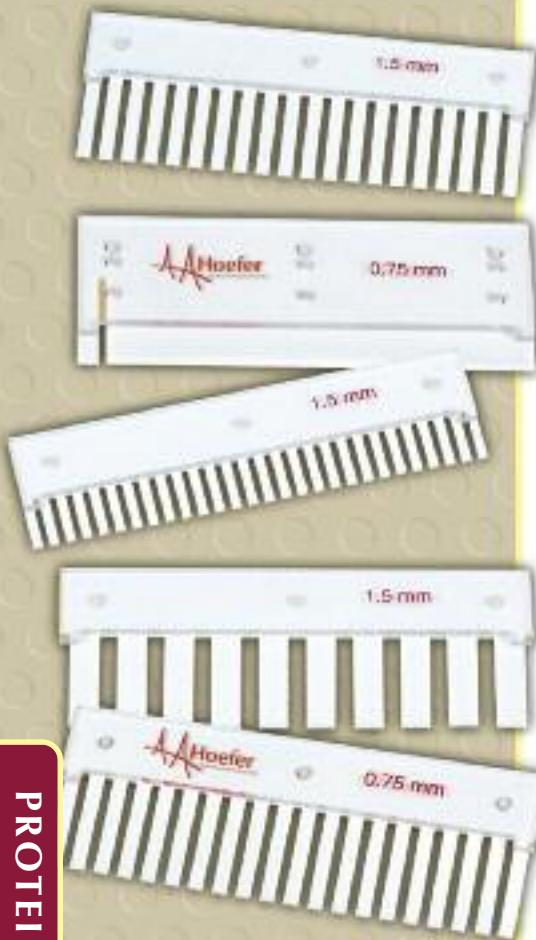


SE6450  
Lower Buffer Chamber

### Ordering Information

Cat. #	Description
SE6056	Lid w/High Voltage Leads
SE6056-HV	High Voltage Leads
SE6005L	Cams-4 pcs
SE6454	Upper Buffer Chamber w/Dual Electrode Assembly
SE6008B	Slotted Gaskets-2 pcs for Upper Buffer Chamber
SE6432	Buffer Dam
SE6403U	Clamp Assembly 8 cm-2 pcs
SE6450	Lower Buffer Chamber for SE640

For glass plates, see page 22. For combs and spacers, see page 30.



## Accessories:

### Combs

Our combs are precision machined from Teflon® which is highly resistant to acids, bases, and all commonly used buffer systems. An important benefit of Teflon combs, compared to other types, is that they are easily removed while maintaining gel integrity. They are lightweight and virtually unbreakable when used with reasonable care.

**Standard Combs** come attached to a standard back, which produces maximum well depths of 25 mm, except for the 28 well combs which produce well depths of 15 mm.

Cat. #	# of Wells	Thickness (mm)	Well Width (mm)	Well Volume (µl per 1 mm depth)	Qty.
SE511-10-.75	10	0.75	8.3	6.2	1
SE511-10-1.0	10	1.0	8.3	8.3	1
SE511-10-1.5	10	1.5	8.3	12.4	1
SE511-12-.75	12	0.75	7.6	5.8	1
SE511-12-1.0	12	1.0	7.6	7.7	1
SE511-12-1.5	12	1.5	7.6	11.5	1
SE511-15-.75	15*	0.75	5.7	4.3	1
SE511-15-1.0	15*	1.0	5.7	5.7	1
SE511-15-1.5	15*	1.5	5.7	8.6	1
SE511-20-.75	20	0.75	4.1	3.1	1
SE511-20-1.0	20	1.0	4.1	4.1	1
SE511-20-1.5	20	1.5	4.1	6.2	1
SE511-28-.75	28	0.75	2.7	2.1	1
SE511-28-1.0	28	1.0	2.7	2.7	1
SE511-28-1.5	28	1.5	2.7	4.1	1
SE511-BKA	Adjustable Comb Back (Converts 25 mm deep comb to 10 or 15 mm depth)				1

\*Microtiter spacing for use w/multichannel pipette

**Preparative Combs** have adjustable comb backs (10, 15, and 25 mm depth) and form 1 large preparative well plus 1 or 2 small reference wells.

Cat. #	# of Wells	Thickness (mm)	Well Width (mm)	Well Volume (µl per 1 mm depth)	Qty.
SE511-R-.75	1/1	0.75	121/6	90/4	1
SE511-R-1.0	1/1	1.0	121/6	120/6	1
SE511-R-1.5	1/1	1.5	121/6	183/9	1
SE511-DR-.75	1/2	0.75	113/6	85/4	1
SE511-DR-1.0	1/2	1.0	113/6	112/6	1
SE511-DR-1.5	1/2	1.5	113/6	171/9	1

### Spacers

Cat. #	Thickness (mm)	Length (cm)	Width (cm)	Qty.
SE6419-2-.75	0.75	8	2	2
SE6419-2-1.0	1.0	8	2	2
SE6419-2-1.5	1.5	8	2	2
SE6119-2-.75	0.75	16	2	2
SE6119-2-1.0	1.0	16	2	2
SE6119-2-1.5	1.5	16	2	2
SE6619-2-.75	0.75	24	2	2
SE6619-2-1.0	1.0	24	2	2
SE6619-2-1.5	1.5	24	2	2
SE6118-2-1.0	1.0	16	1	2
SE6118-2-1.5	1.5	16	1	2