

# SE660 Tall Standard Dual Cooled Vertical Unit

Taller format accommodates 24 cm long gels for increased resolution

## Technical Specifications

Glass Plate Size (w x h) . . . . . 18 x 24 cm, 18 x 16 cm or 18 x 8 cm  
 Spacers . . . . . 0.75 mm, 1.0 mm, 1.5 mm  
 Maximum Power Settings . . . . . 1000 V, 500 mA, 50 W  
 Maximum Temperature . . . . . 45°C  
 Indoor Use . . . . . 4-40°C  
 Humidity . . . . . Up to 80%  
 Unit Dimensions (w x h x d) . . . . 32 x 37 x 14 cm  
 Safety Certifications . . . . . EN61010-1, UL61010-1, CSA C22.2 1010.1, CE



## Ordering Information

Cat. #	Description
SE660-15-1.5	Tall Standard Dual Cooled Vertical Electrophoresis Unit, <b>Complete</b>

### Includes:

- Lower Buffer Chamber
- Upper Buffer Chamber
- Safety Lid w/High Voltage Leads
- Heat Exchanger
- Glass Plates 18 x 24 cm–6 pcs
- Clamp Assemblies, 8 cm–4 pcs
- Clamp Assemblies, 16 cm–4 pcs
- Cams–6 pcs
- Slotted Gaskets for Upper Buffer Chamber–2 pcs
- Dual Gel Casting Stand with Leveling Base
- Bubble Level
- Laminated Gaskets for Caster–2 pcs
- Buffer Dam
- Spacer-Mate–Alignment Template
- Wonder Wedge™–Plate Separation Tool
- Gel Seal
- Combs, 15-well, 1.5 mm thick–2 pcs
- Spacers, 1.5 mm thick (2 cm wide)–4 pcs

## Advantages

Maximum glass plate size 18 x 24 cm

Produce straight lanes and sharp, well-defined bands

Run up to four gels (maximum 112 samples) at one time under identical conditions

Run gels at uniform temperature from 1 to 45°C

Accommodates denaturing and native polyacrylamide gels and 2-D electrophoresis

A wide array of accessories allows you to tailor gel configurations to your needs (see page 30)

# SE660 Vertical Electrophoresis System

## Replacement Parts

SE6005L  
Cams

SE6403U  
8 cm Clamp Assembly

SE6160  
Heat Exchanger

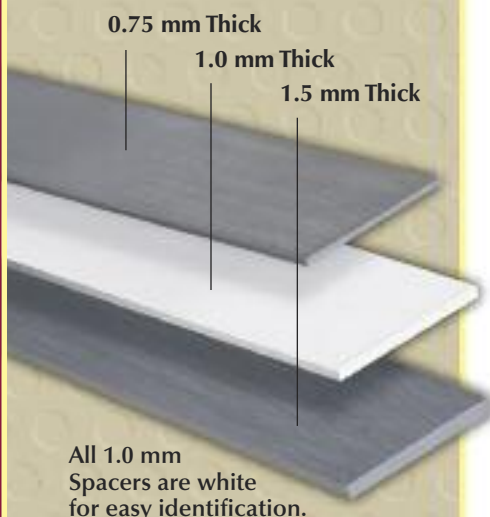
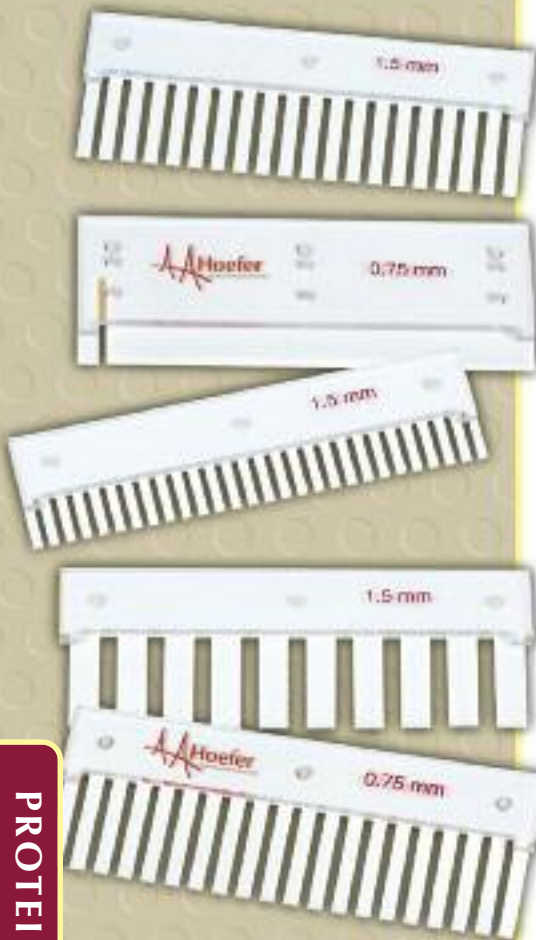
SE6650  
Lower Buffer Chamber



## Ordering Information

Cat. #	Description
SE6056	Lid for SE660 w/High Voltage Leads
SE6056-HV	High Voltage Leads
SE6005L	Cams—4 pcs
SE6054	Upper Buffer Chamber for SE600 Series
SE6008B	Slotted Gaskets—2 pcs for Upper Buffer Chamber
SE6032	Buffer Dam
SE6403U	Clamp Assembly 8 cm—2 pcs
SE6003U	Clamp Assembly 16 cm—2 pcs
SE6003UK	Clamp and Cam Kit Includes: Clamp Assembly 16 cm—4 pcs Cams—8 pcs
SE6160	Heat Exchanger for SE600 Series
SE6650	Lower Buffer Chamber for SE660

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