

SE600 Standard Dual Cooled Vertical Unit

Hoefer pioneered the vertical format
for electrophoresis separations

Technical Specifications

Glass Plate Size (w x h) 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 29 x 14 cm
 Safety Certifications EN61010-1, UL61010-1, CSA C22.2 1010.1, CE



Ordering Information

Cat. #	Description
SE600-15-1.5	Standard Dual Cooled Vertical Electrophoresis Unit, Complete

Complete Unit Includes:

- Lower Buffer Chamber
- Upper Buffer Chamber
- Safety Lid w/High Voltage Leads
- Heat Exchanger
- Glass Plates 18 x 16 cm—6 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

Cat. #	Description
SE600	Standard Dual Cooled Vertical Electrophoresis Unit, Basic

Basic Unit Includes: The same as above without the combs and spacers. Order two SE511 combs and two sets of 16 cm long spacers separately.

Advantages

Maximum glass plate size 18 x 16 cm

Produce straight lanes and sharp, well defined bands

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

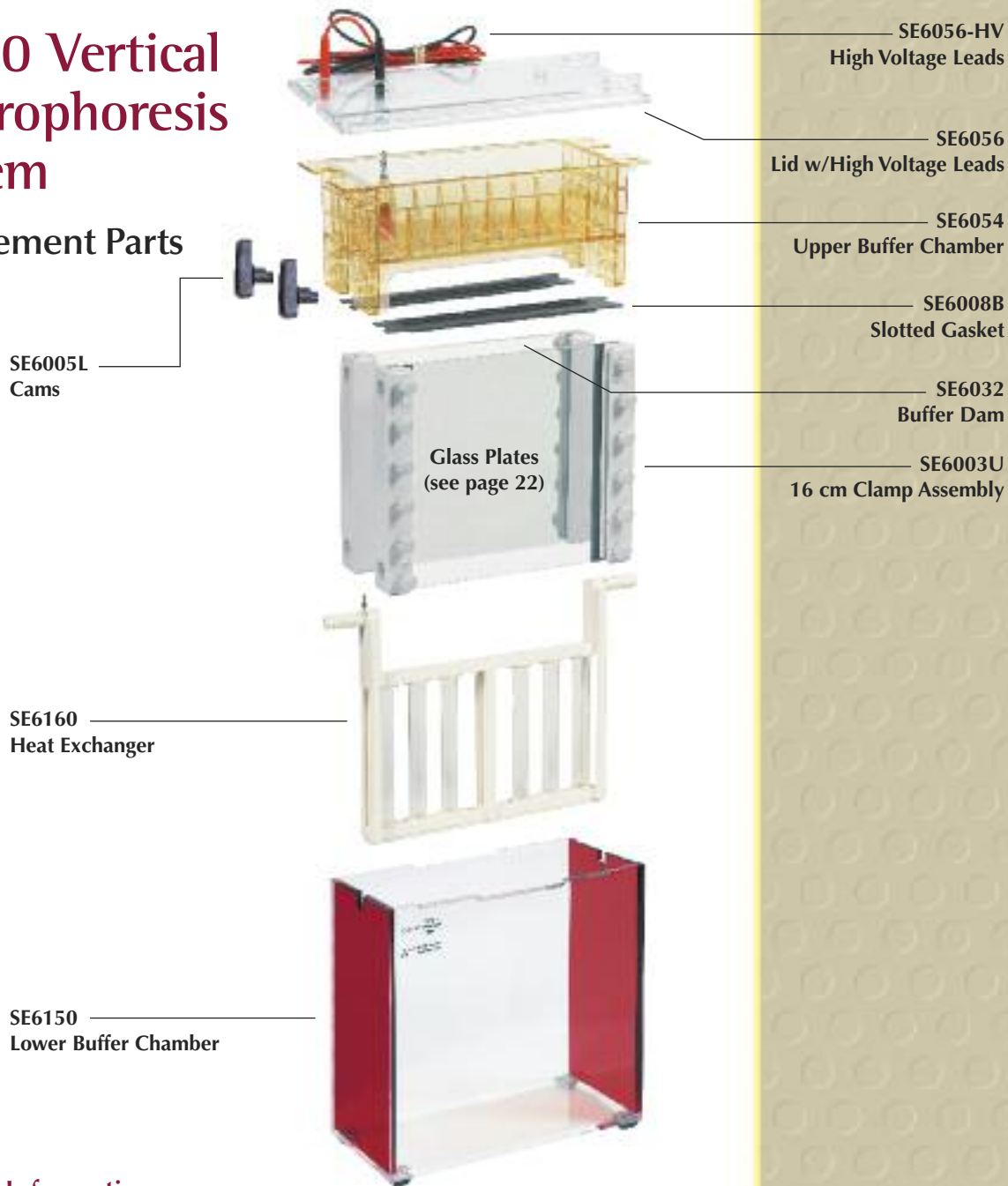
Run gels at uniform temperature from 1 to 45°C

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)

SE600 Vertical Electrophoresis System

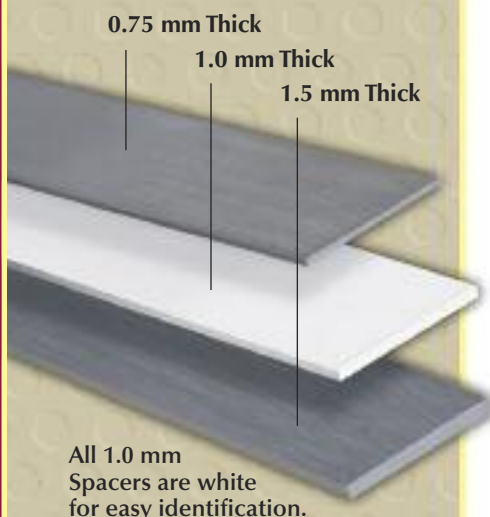
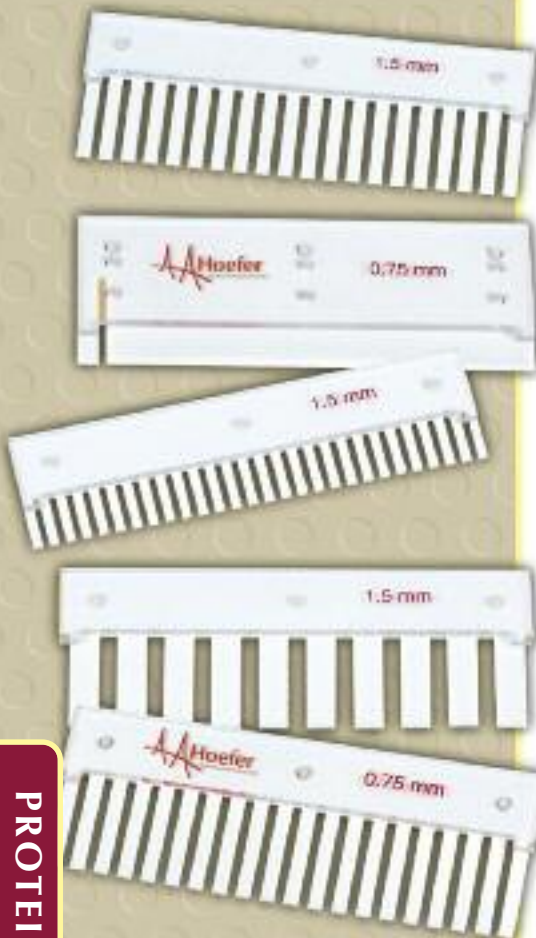
Replacement Parts



Ordering Information

Cat. #	Description
SE6056	Lid for SE600 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
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
SE6150	Lower Buffer Chamber for SE600

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