The Sturdier Vertical Slab Gel Units

SE 400 Series



- Choose from two sizes - 18 x 16 and 18 x 24 cm - to fit your resolution needs.
- For new users, student labs, researchers who need multiple units.
- Easy to set up. Precision-molded parts fit together quickly.
- Gel Sandwiches seal leak-free in the built-in casting stand. Assembling takes only minutes - without tape.
- Use the accessory Club Sandwich kit to run two gels in one sandwich.
- Rugged, injection-molded construction lasts a long time.
- Specially designed safety lid prevents accidental buffer contact.

Safe, Sturdy, Low Priced and Trouble-Free

A High Quality and Affordable Vertical Unit

The Sturdier Vertical Slab Gel Unit was designed with durability and cost in mind. Injection molded of tough, impact-resistant plastics, it will withstand the rigors of daily lab use and teaching labs for years. The price may be low, but you don't sacrifice capabilities or quality.

Run one or two gels, cast up to ten

You can run one or two gels in one unit. The standard 18 x 16 cm sandwich runs one 14 x 16 cm gel or, with the addition of the Club Sandwich accessory kit, two identical gels separated by a notched plate. For reproducibility and resolution, you can cast up to 10 uniform or gradient gels at one time in an optional multiple caster.

A longer gel for more separation

If you need more separation length, the Sturdier SE 410 runs 18 x 24 cm single and club sandwich gels. The extra length is ideal for complex protein mixtures such as crude cell extracts, or for nucleic acid separations that do not need the full capability of a large sequencing unit.

Upgrade for temperature control

When your electrophoretic separation requirements begin to demand accurate temperature control, the plates, spacers, and other accessories of the Sturdier can be used in the Hoefer SE 600 and SE 660 Dual Cooled Vertical Electrophoresis Units. All of the SE 600 series multiple gel casting units and most accessories are compatible with the Sturdier series.

Technical Information

	SE 400	SE 410
Size (hwd)	28x24x13 cm	36x24x13 cm
Plate dimensions (wxl)	18x16 cm	18x24 cm
Gel dimensions (approx.,wxl)	14x16 cm	14x24 cm
Buffer volume (minimum)	700 ml	700 ml
Gel thickness range	0.75-1.5 mm	0.75-1.5 mm
Comb well range	1 (preparative)-28	1(preparative)-28

ORDERING INFORMATION

Product	Quantity	Code No.
Sturdier Vertical Slab Electrophoresis Units		
For 18x16 cm gels		
Sturdier Vertical Slab Electrophoresis Unit (18 x16 cm), complete. *SE 400-15-1.5 Includes: 15-well comb and 2 spacers 1.5-mm thick, one set of glass plates 18x16 cm, 2 clamp assemblies, Cello-Seal and 2 cams.	1	80-6155-24
Sturdier Vertical Slab Electrophoresis Unit (18 x16 cm), basic. *SE 400 Includes: one set of glass plates 18x16 cm, 2 clamp assemblies, Cello-Seal and 2 cams. (Order SE 511 comb and set of SE 6119 spacers separately.)	1	80-6154-86
For 18x24 cm gels		
Sturdier Vertical Slab Electrophoresis Unit (18x24 cm), basic. *SE 410 Includes: one set of glass plates 18x24 cm, 2 16-cm and 2 8-cm clamp assemblies, Cello-Seal and 2 cams. (Order SE 511 comb and set of SE 6619 spacers separately.)	1	80-6156-00
Accessories		
Glass Plates		
18x16 cm		
Glass plates, 18x16 cm, pair. *SE 6102	2	80-6178-99
Glass plates, frosted, 18x16 cm, pair. *SE 6102F	2	80-6179-37
Glass plate, club sandwich divider, notched, 18x16 cm. *SE 6102D (Order 1 pair of SE 6119 spacers separately.)	1	80-6179-18
Club sandwich divider plate kit, 18x16 *SE 6122-.75 Includes 0.75-mm spacers, 1 pair	1	80-6182-03
Club sandwich divider plate kit, 18x16 *SE 6122-1.5 Includes 1.5-mm spacers, 1 pair	1	80-6182-22
18x24 cm		
Glass plates, 18x24 cm, pair. *SE 6602	2	80-6190-01
Glass plate, club sandwich divider, notched, 18x24 cm. *SE 6602D (Order 1 pair of SE 6619 spacers separately.)	1	80-6190-20
Combs and Spacers		
Combs: *SE 511 series State number of wells (5, 10, 12, 15, 20, 28, prep + 1 ref., prep + 2 ref.), and thickness (0.75-, 1.0-, 1.5-mm). Not all combs available in all thicknesses.		
Spacers: 16x2 cm. *SE 6119 series State thickness (0.75-, 1.0-, 1.5-mm).		
Spacers: 24x2 cm. *SE 6619 series State thickness (0.75-, 1.0-, 1.5-mm).		
Gel Casters		
For up to 4 gel sandwiches		
Gel Caster Kit for 4 gel sandwiches, 18x16 cm. *SE 675 Includes: 8 glass plates, 3 space-saver plates, 5 filler sheets, 100 sheets of wax paper, Spacer-Mate alignment template, and filler plugs. (Order SE 511combs and SE 6119 spacers separately.)	1	80-6191-34
For up to 10 gel sandwiches		
Multiple Gel Caster Kit for 10 gel sandwiches, 18x16 cm. *SE 615 Includes: 20 glass plates, space-saver plate, 5 filler sheets, 100 sheets of wax paper, Spacer-Mate alignment template and filler plugs. (Order SE 511 combs and SE 6119 spacers separately.)	1	80-6182-79
Recommended Accessory Products		
Plate Mate Washer and Storage Unit *SE 100	1	80-6116-29

*Hoefer Product Number

FOR ORDERING OR TECHNICAL INFORMATION

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