

# Hoefer SE100 Platemate

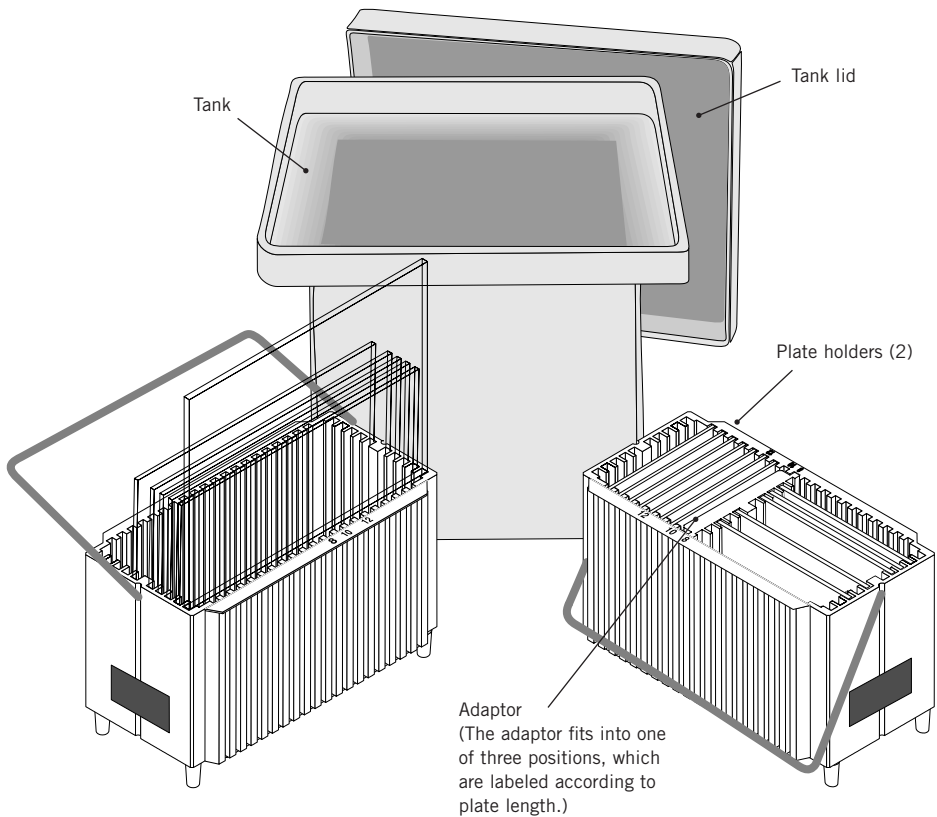
Gel plate washer and storage unit



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## SE100 PlateMate

The Hoefer® SE100 PlateMate helps to minimize damage to gel plates by providing a convenient and secure holder for plate soaking, washing, drying, and storing. Holders are adjustable for glass or alumina plates from 10 × 8 up to 18 × 16 cm. Clean plates can be stored in the holder. A dust cover protects them until use.



(glass plates not included)

## Important user information

Please read this entire manual to fully understand the safe and effective use of this product.

If you have any comments on this manual, please send them to us at:

**Hoefer, Inc.**

**32 Scotland Blvd, Ste. 9,  
Bridgewater, MA02324, USA  
support@hoeferinc.com**

Hoefer, Inc. reserves the right to make changes in the specifications without prior notice.

## Using the PlateMate

- Wash the dust covers with mild detergent before the first use to remove residual oil from the manufacturing process.
- Always wear gloves while handling plates to keep them free of fingerprints.


### 1

Fill the tank with enough cleaning solution (diluted according to the manufacturer's instructions) to cover the glass plates: approximately 7 liters for 18 × 16 cm plates and 5 liters for 10 × 8 cm plates. Add more solution for larger plates if required. The solution can be stored in the tank and reused.

- RBS 35™ cleaning solution (Pierce Chemical Co.) is recommended for effectively removing proteins from gel plates.
- If required, the tank can be filled with acid solutions, but plate holders should not be immersed for more than the minimum required time for cleaning. Prolonged exposure of the metal handles to strong acid solutions may result in corrosion.
- *Note:* The polyethylene tank is resistant to acid solutions such as Chromerge, but such solutions may discolor the tank.

### 2

Each holder can hold either ten 18 cm wide plates in the long direction or twenty 8 cm wide plates in the short direction. The adaptor can be placed in three different slots, labeled to refer to the length of the plates: 8, 10, or 12 cm. (*Note:* The holder is 10 cm deep and the mini gel series plates are 10 cm wide; place the adaptor according to the length of the plate and insert the plates sideways.)



Before placing plates into the plate holder, scrub the entire surface of each plate with a soft plastic scrubber wetted with cleaning solution. Remove all acrylamide or agarose, especially around the edges of each plate, then place into the holder. Place the holder and plates in the tank.

**3**

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Remove the holder from the tank and rinse the plates thoroughly with hot tap water to remove the cleaning solution. Finally, rinse the plates and holder with filtered, deionized water.

**4**

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Allow the plates to air dry in the holder or set the holder in a drying oven at  $\leq 45^{\circ}\text{C}$  for up to 1 hour. The holder is a handy storage container that keeps plates from becoming damaged. Cover plates with the dust cover to help keep them clean.

## Care and maintenance

The tank and tank lid are made of high-density polyethylene, the holders are glass-filled polypropylene, the dust covers are vinyl, and the handles are stainless steel. To protect these materials:

- Do not heat any part above  $45^{\circ}\text{C}$ .
- Do not store plate holders in acid solutions.
- Do not soak plate holders in any solution for more than one week.



## Ordering information

product	qty.	code number
SE100 PlateMate washing and storage unit. Includes: 2 molded plate holders with handles, 2 long plate adaptors, 2 dust covers and 1 polypropylene washing tank with lid.	1	SE100
Long plate adaptor for 10 cm and 12 cm plates	2	SE103

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