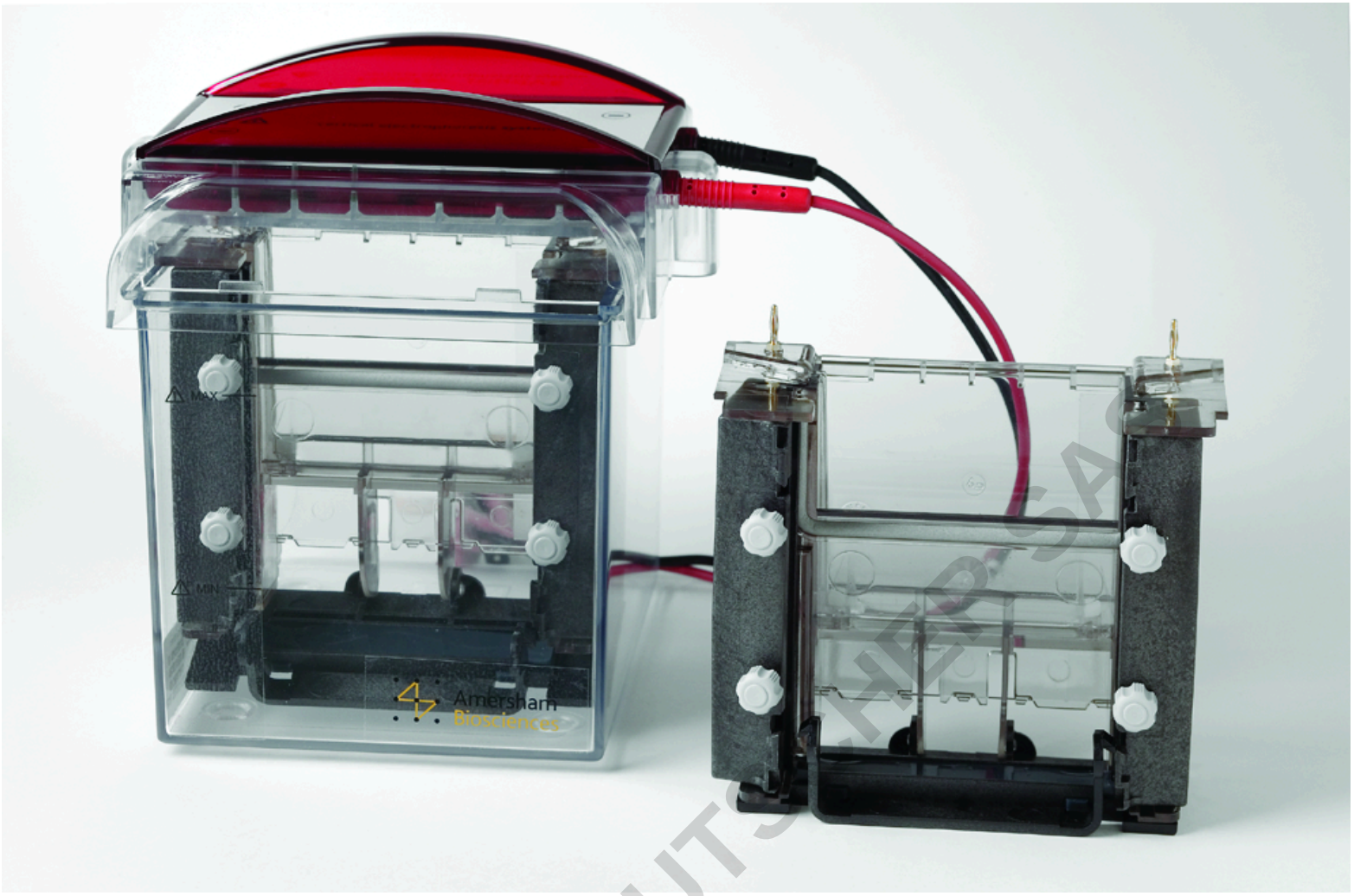


miniVE Vertical Electrophoresis System

Overview

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Convenient design

The simple, modular design of miniVE vertical electrophoresis system consolidates all the small parts for electrophoresis and blotting into one convenient unit. Uniform gel temperature is maintained with the tank-style lower buffer chamber. A full tank stabilizes the temperature so that lanes are straight and bands are flat. The blot Module will accept two gel/membrane stacks simultaneously. The lower buffer chamber is designed to hold two Blot Modules, allowing four gels to be blotted at once

Load, clamp, and cast

The gel module is simultaneously a casting stand and an upper buffer chamber with integrated clamps. Simply assemble the gel sandwich of plates and spacers, clamp it onto the upper buffer chamber, then pivot the sealing gasket and cast the gel. After polymerization, simply release the bottom seal and drop the assembly into the tank for running. No extra parts are needed and no unclamping until the run is finished

Extra length and compatible dimensions

The miniVE handles gel cassettes up to 10 × 10.5 cm (W × H), which increases the separation length by more than 30% over conventional 10 × 8 cm gels. In addition, miniVE is compatible with the glass plates, combs, and spacers of SE 260 Mini-Vertical units. For gradient gels, mini-Vertical Gel Casters can produce up to four identical gels at one time

The right power supplies

EPS 301 is the power supply of choice for the miniVE System. With ratings of 300 V and 400 mA, it is capable of both running and blotting gels. For faster transfers when blotting four gels at a time, use the EPS 2A200 for its higher current capability

Product specifications
miniVE, complete

Catalog code	80641877
Includes	3 Rectangular glass plates 3 Notched plates 2 Gel modules Lid Lower buffer chamber 2 Each 1.0 mm thick 10 well combs and 1.0 mm thick spacer sets
Chemical stability	For use only with dilute aqueous solutions between pH 2 and pH 12. Not compatible with organic solvents or concentrated alcohols, acids, bases, and oxidizing agents
Compliance	The product fulfills valid directives and standards when used within the conditions specified in the user manual. The product must also be used in the same state as it was delivered from Cytiva and connected only to other CE labeled Cytiva modules or other products as recommended. For regulatory details please see declaration of conformity.
Gel Capacity	1-2 Gels
Number of Gels Max.	2
Number of Gels Min.	1
Operating humidity	<0.8
Operating Temperature	5°C-75°C
Total Separation Time	1-2 h
Voltage	600 VAC (Electrophoresis)
Volume	Tank volume:1.7 liters with one module in place 1.2 liters with two modules in place
Weight	1.15 kg (2.53 lb) kg

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