

# Electrophoresis Unit

Solution for superior result

Brand - **BioGenix®**



## Overview

BioGenix Mini Vertical systems are predominantly used for protein/DNA electrophoresis.

By combining both functionality and ease of use, the BioGenix systems set the bench mark for simple, versatile vertical mini gel electrophoresis. Each BioGenix electrophoresis system can accommodate up to 2 hand cast gels (additional plates required) or 2 commercial precast gels to provide complete flexibility for individual research needs, while unique sliding clamp technology within the PAGE insert facilitates fast, intuitive leak-free casting.

With a trouble-free set up and consistent performance, the BioGenix Mini Vertical systems are perfect for today's laboratories, where the ability to generate reproducible results quickly is essential.

## Standard Features

- Capable of holding 1~2 pieces of manually cast gel or precast gel;
- Equipped with 2 independent gel-cast frames as standard, which can cast 2 pieces of gel at the same time;
- Sealing spacer is glued to the long glass plate to ensure that the glass plates are accurately aligned, preventing the gel leakage ;
- Comb with teeth and built-in ridges isolates the gel from the air and avoid inhibiting polymerization reaction of the gel;
- The glass plate marked with thickness and the comb marked with teeth number make it easy to read;
- The glass plate with sealing spacer makes it thicker and stronger;
- New designed electrophoresis core, gel cast frame and gel cast stand are utilized, and with the international patent design

# The BioGenix systems compact Vertical Double Electrophoresis Chambers with Glass Plate Stops



## General features:

### ❖ Modular system

Tanks are compatible with different electrophoresis modules, keeping costs and space to a minimum. The electrophoresis units are available as *standard* and as *coolable* device.

### ❖ For running of up to 2 gels in parallel

High-grade quality and robust, made of acrylic glass

With glass plate stops

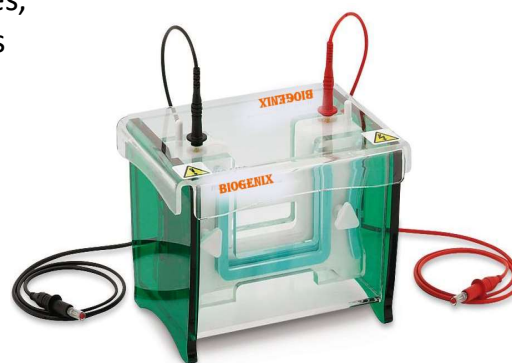
Chemically bonded contact points

Wide range of accessories

Coolable versions with reliable water cooled system

Different versions of MINI and MAXI vertical dual plate electrophoresis chambers are available. **The full**

**version** includes the buffer tank (*standard* or *coolable*), the running module for gel run and a gel casting module including glass plates and combs for immediate electrophoresis.



## Technical Specification

| Model                  | BSMVEU- 2  |
|------------------------|--|
| Type                   | MINI Vertical standard model, without gel casting module |
| Additional info        | with buffer tank, running module and accessories         |
| L x W, glass plate     | 10 x 10 cm   |
| Max. number of samples | 32   |
| Buffer volume          | 100 / 300 ml   |
| Comb                   | 2 Combs( 12 Teeth, 1mm thick)                            |
| L x W x H, device      | 15 x 20 x 14 cm  |
| Suitable for           | Polyacrylamide gels                                      |

**Delivery incl.** 1 vertical electrophoresis chamber - with buffer tank, lid incl. cables (4 mm plug), 1 running module for simultaneous electrophoresis of two gels.

**Accessories included:** 2 glass plates, 2 separate spacer pairs (spacer thickness 1 mm), 2 notched glass plates, 1 dummy plate (for electrophoresis of one gel only), 2 combs (12 teeth, 1 mm thick).

**Devices with additional Gel casting module:** The device types standard (Art. No. Y001.1) and coolable (Art. No. Y002.1) additionally include a gel casting module.

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