

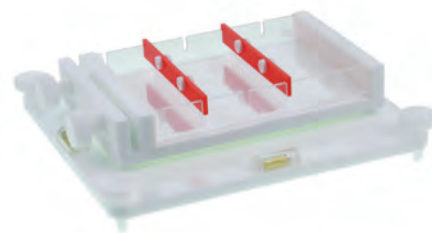
# ELECTROPHORESIS

## Levelling Table

Designed to level uneven laboratory surfaces.

Features:

- Convenient adjusting process;
- User-friendly design, simple settings; easy to clean;
- The surface of the table is easy to clean and due to its colour and structure, it almost be contaminated.



Model	stand
Size, mm	220 x 250

## Horizontal Electrophoresis Systems

### SE-1 cell

SE-1 mini-cell is optimal for rapid separation of 10 - 40 samples.

Gel frames design allows to insert from 1 to 4 combs per gel.



### SE-2 cell

SE-2 cell is designed for analyses of 18 - 120 samples.

Gel frames design allows to insert from 1 to 5 combs per gel.



Model	SE-1	SE-2
Gel size, mm	75 x 125	120 x 170
Number of samples	max 40	max 120
Buffer volume, ml	250	500
Dimensions, mm	260 x 1502 x 90	334 x 196 x 100

- Starting kit of the SE cells:
  - cell with a protective cover and cables;
  - gel tray;
  - gel caster with a casting gates and leveling table;
  - 10-well combs (2 units) for SE-1, 18-well combs (2 units) for SE-2;
  - two combs holders;
  - agarose - 50 g.

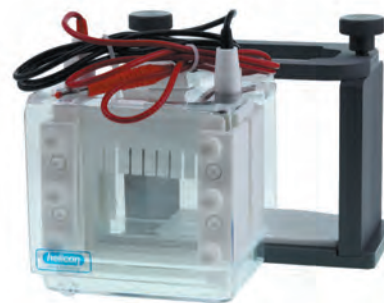
Additional accessories can be purchased separately.

## Vertical Electrophoresis Systems

### VE-10 cell

VE-10 mini-cell is the most popular device for vertical electrophoresis on the Russian research market. It combines simplicity of design, reliability and optimal quality price ratio. Cells are designed for simultaneous operation with one or two 80 x 95 mm gels, thus allowing separation of 10 - 30 samples in a small amount of buffer – 290 ml.

- Starting kit:
  - cell with a protective cover and cables;
  - plug for conducting of electrophoresis in a single gel;
  - gel caster;
  - standard combined sets of glass plates (100 x 100 mm) with fixed glass spacers (2 units). Thickness of the spacers is 1 mm;
  - screw clamps for glass plates (2 sets);
  - 1 mm combs with 10 wells (2 units), 15 wells (2 units).



### VE-20 cell

VE-20 cell for vertical electrophoresis is designed for electrophoretic separation of proteins and nucleic acids. Simultaneous operation with one or two 178 x 175 mm gels for analysis of 20 - 40 samples (in basic configuration); up to 60 samples with the use additional 30-well combs in 800 ml of buffer.

- Starting kit:
  - cell with a protective cover and a cables;
  - plug for conducting electrophoresis in a single gel;
  - standard combined sets of glass plates (2 units);
  - spring clamps;
  - screw clamps for glass plates (2 sets);
  - 20-well combs (2 units);
  - 1 mm spacers (2 sets);
  - gel casting plate, Pasteur pipette and 2 g of agarose;
  - glass plates rack 200 x 200 mm.



Glass plates with glued glass spacers, additional spacers, gel caster and combs of different thickness and with different number of wells are available.

Model	VE-10	VE-20
Size of glass plates, mm	100 x 100	200 x 200
Gel size, mm	80 x 95	175 x 175
Max number of samples	2 x 15	2 x 30
Volume of the upper buffer, ml	200	1100
Volume of the lower buffer, ml	90	420
Weight, g	370	970

## Glass plates racks

The rack is designed to be used for the following purposes: drying, moving, storing and sorting of glass plates.

- ✓ The racks do not slide on the surface due to the rubber feet.
- ✓ Convenient rack shape for storage and transfer of glass plates.
- ✓ Almost no risk for the glass plates to fall out while moving due to the special design of the racks.
- ✓ Minimal glass surface and rack contact ensures absence of stains on the glass plates during drying and prevents glass plates from contamination and damage during storage.
- ✓ Capability to fix both single glass plates and packages of two glass plates with spacers.



Model	FS-10	FS-20
Size of glass plates, mm	100 x 100	200 x 200
Quantity of slots (one slot per one glass plate or package (two glass plates + spacer))	8	8

• size of glass plates may differ from the specified size  $\pm$  4 mm

## Device for Semi-dry protein transfer

Simple, reliable and convenient design of the blotter is intended for electric transfer of proteins and nucleic acids. The size of the operating surface allows you to work with two mini-gels simultaneously. The transfer process takes less than two hours at a current of 100 mA.



Model	Semi-dry
Size of the operating surface, mm	150 x 150