



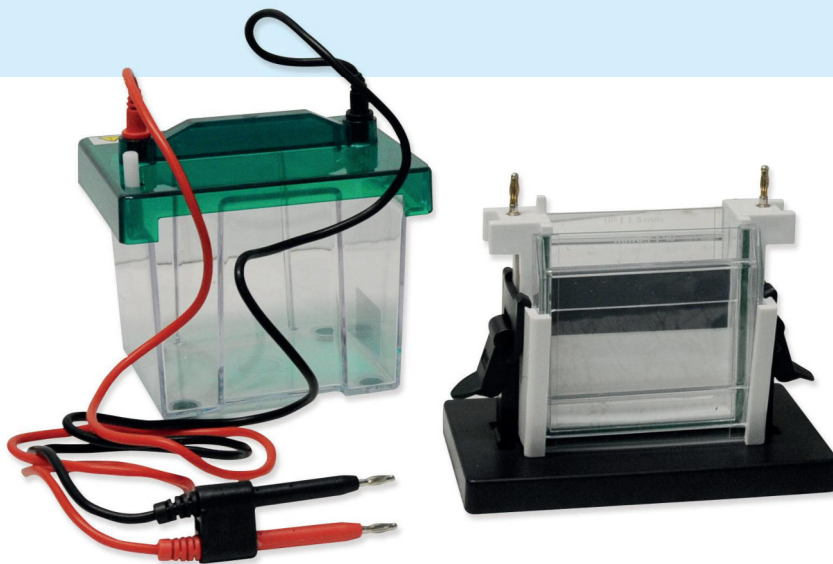
## Vertical electrophoresis cell

### Code ZFD005

Electrophoresis is a technique that uses polyacrylamide gels (PAGE) for the separation of different macromolecules according to their molecular weight and electrical charge. It is a very useful technique in research laboratories for the analysis of nucleic acids and proteins, as it allows the

separation and identification of the components of a cell extract and, combined with other techniques, it allows, for example, to detect molecular anomalies or to analyse the increase or decrease in the synthesis of a protein as a consequence of a certain treatment.

- Quick and easy installation of the glass plate: in about 15 seconds and without the need for a knob.
- With the gel moulded in the original position there is no need to move the glasses from the gel preparation to the electrophoresis run. It is more convenient to observe the gel preparation through both sides of the glasses.
- Injection moulded high transparency polycarbonate material, resistant to impact, high temperature and corrosive agents.
- The design of the safety lid handle facilitates convenient opening.
- Background color allows good observation during sample addition and electrophoresis process.
- The abundant volume of buffer solution not only ensures the cooling effects, but also keeps the pH value stable during the whole experiment.
- Automatic shut-off when the lid is removed.



## Accessories included

- Combs: 12
- Wedge-shaped plates: 2
- Gel shovel: 1
- Dummy plate: 1
- Spacer plates with 0.75 mm spacer: 2
- Spacer plates with 1.0 mm spacer: 2
- Spacer plates with 1.5 mm spacer: 2
- Concave plates: 4

## Specifications

Code	ZFD005
Number of gels	1 ó 2
Gel size (WxL)	82x88 mm
Glass plate size (WxL)	100x100 mm
Gel thickness	0,75 mm / 1,0 mm / 1,5 mm
Number of samples	11 ó 15 per gel
Buffer volume	750 mL
Dimension (LxWxH)	150x120x115 mm
Net weight	1,5 kg