



...means electrophoresis

HORIZONTAL ELECTROPHORESIS TANK HET 01

Instructions for use

Product presentation

The Hellabio Electrophoresis Tank consists of the Tank, the Cover and the Gel bridges. The Cover is transparent and allows during running following the migration of the fractions. The small windows of the cover are designed to prevent overheating of the gel by running of electrophoresis (especially in warm countries). To get the best resolution results and to avoid overheating of the film, run electrophoresis in room temperature, not higher than 25 °C.

Package Content

- 1 Horizontal Electrophoresis Tank
- 1 Cover
- 1 Gel bridge

Operation:

- Add the correct volume of the buffer in each cell.
- Put the bridge with the gel in the tank.
- Cover the tank.
- Connect the tank with the power supply.
- Turn on the power supply.
- The lamp must display.
- Adjust time and volts.
- After electrophoresis, turn off the power supply.
- Take the bridge with the gel.
- Discard the buffer (protect the power contact from humidity).

IMPORTANT NOTES

- Be technical trained personnel to work with this system.
- Follow thoroughly the instructions.
- Isolate the electrophoresis tank from the power supply before removing the cover of the tank.
- Do not exceed the maximum operating voltage.
- Use only distilled water to clean the tank (not alcohols etc).
- Run electrophoresis in temperature less than 25°C.

Specifications of Electrophoresis Tank :

Number of gels :	1x 76X101 mm
Gel size :	1x 76X101 mm
Precast gels :	Hellabio Agarose gels or other with the corresponding size
Handcast gels :	Gels prepared in Hellabio cassettes
Typical running conditions :	25-220 constant volts,400mA,70W maximum
Recommended power supply :	Hellabio Power Supply
Total buffer required :	50 ml (25 ml in each cell)
Dimension :	13.5X8.5X5.5 cm
Weight :	270 g
Material of construction :	Plexi Glass