

UEP-HEC01

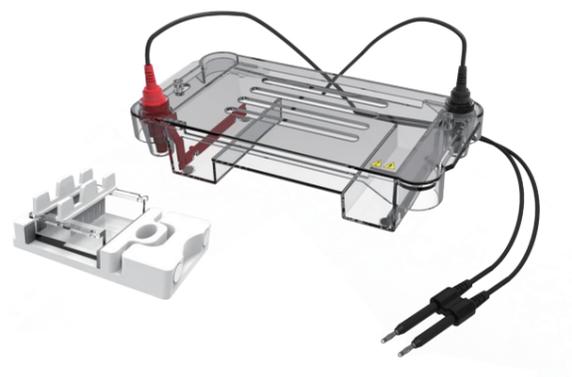
Horizontal Electrophoresis Cell

Features

- Suitable for rapid separation, identification, preparation of DNA, and determination of its molecular weight.
- The tank body is made of highly transparent polycarbonate material, which is one-time injection molding, ensuring no leakage and impact resistance.
- The heat dissipation hole design on the upper cover effectively prevents condensation of water vapor.
- Dedicated telescopic elastic glue maker, ensuring cleanliness and no glue leakage.
- Limit function, effectively preventing reverse installation of positive and negative electrodes.
- Detachable electrodes for easy replacement and maintenance.
- 99.99% high-purity platinum electrodes offer the best conductivity, anti-aging, and resistance to corrosion.

Technical Specification

- Gel size (W × L): 60 × 75 mm
- Sample comb: 1.0/1.5 mm, 6/11 wells
- Buffer volume: 300 mL



Standard Configuration

Name	Unit	Quantity
Lid with Cables	Set	1
Cell Body with Electrodes	Set	1
Gel Box	PC	1
Gel Tray	PC	1
1.0mm thickness 6 wells comb	PC	2
1.0mm thickness 11 wells comb	PC	2
1.5mm thickness 6 wells comb	PC	2

UEP-HEC02

Multi-functional Horizontal Electrophoresis Cell

Features

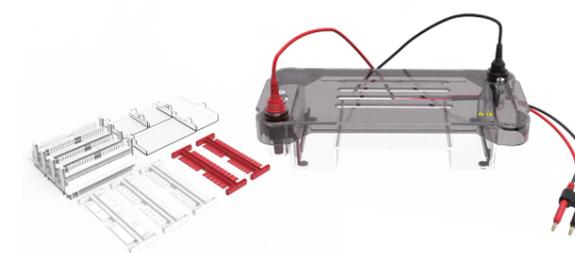
- Suitable for rapid separation, identification, preparation of DNA, and determination of its molecular weight.
- Polycarbonate injection molding, ensuring no leakage.
- Four different sizes of gels can be made, and two types of gel makers are optional.
- Limit function to prevent reverse installation of positive and negative electrodes.
- Detachable electrodes for easy replacement and maintenance.
- 99.99% high-purity platinum electrodes offer the best conductivity, anti-aging, and resistance to corrosion.
- The large glue and small glue boxes are designed as one front and back; the large glue can hold up to four rows of combs at a time.
- Fluorescent ruler on the bottom of the tray.

Technical Specification

- Gel area:
- Large gel: 120 × 120 mm
- Wide gel: 120 × 60 mm
- Long gel: 60 × 120 mm
- Small gel: 60 × 60 mm
- Number of combs: 2, 3, 6, 8, 11, 13, 18, 25
- Buffer volume: 700 mL

Standard Configuration

Name	Unit	Qty
Lid with Cables	SET	1
Bottom Cell with Electrodes	SET	1
Gel Box	SET	1
Large Gel Tray (120 × 120mm)	PC	5
Wide Gel Tray (120 × 60mm)	PC	5
Long Gel Tray (60 × 120mm)	PC	2
Small Gel Tray (60 × 60mm)	PC	2
Sample Comb: 2+3 wells	PC	2
Sample Comb: 6+13 wells	PC	2
Sample Comb: 8+18 wells	PC	2
Sample Comb: 15+25 wells	PC	2



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UEP-HECO3

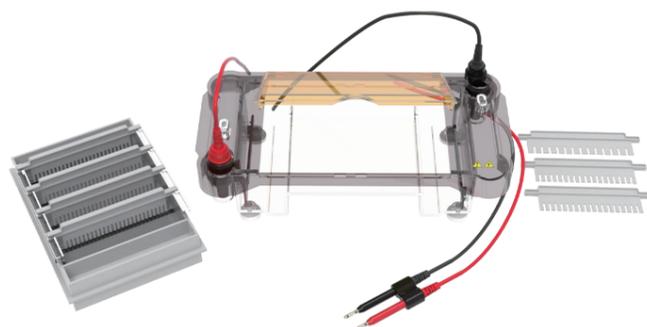
Multi-function Horizontal Electrophoresis Cell

Features

- Suitable for nucleic acid electrophoresis, separation and identification of DNA and determination of its molecular weight
- Polycarbonate high-strength transparent plastic injection molding, no leakage, impact resistance
- Professional shielding blue light clamshell design, open the cover can effectively dissipate heat
- The bottom level adjustment knob can adjust the level of the electrophoresis tank
- Two different gel sizes, meet the needs of general and high-throughput electrophoresis
- The front and back design of the gel box, can save space
- The background strip at the bottom of the tray is more conducive to observing sample loading
- 99.99% high-purity platinum electrode, the best conductivity

Technical Specification

- Gel size (W × L): 130 × 200 mm, 130 × 150 mm
- Sample comb: 1.0 mm, 14, 18, 26 wells;
1.5 mm, 18 wells
- Buffer volume: 800 mL



Standard Configuration

Name	Unit	Quantity
Lid with Cables	Set	1
Cell Body with Electrodes	Set	1
Gel Box	PC	1
Large Gel Tray (130×200mm)	PC	1
Small Gel Tray (130×150mm)	PC	1
1.0mm thickness 14 wells comb	PC	2
1.0mm thickness 18 wells comb	PC	2
1.0mm thickness 26 wells comb	PC	2
1.5mm thickness 18 wells comb	PC	2



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UEP-HECO3+

Multi-functional Blue Light Integrated Horizontal Electrophoresis Cell

Features

- Equipped with a matrix-style blue light transmission system, allowing real-time observation of electrophoretic bands using blue light dye during the electrophoresis process.
- The flip-cover design with blue light shielding effectively blocks the blue light, providing a clear view of the electrophoretic bands.
- The blue light automatically powers off after 5 minutes to extend the lifespan of the blue light LED bulbs.
- The top cover can be opened during electrophoresis to dissipate heat when monitoring is not required.
- Large sample capacity, capable of electrophoresing up to 200 samples at once.
- Movable electrodes for easier maintenance and replacement.
- The bottom-level adjustment knob allows adjustment of the electrophoresis tank's horizontal position.
- Dedicated gel preparation device for quick and convenient gel preparation.
- High-strength transparent polycarbonate injection molding, ensuring no leakage and impact resistance.
- Professional shielding blue light flip-cover design, effectively dissipating heat when the cover is opened.
- Bottom-level adjustment knob for precise horizontal adjustment of the electrophoresis tank.
- Two different gel sizes to meet both general and high-throughput electrophoresis needs.
- Front and back design of the gel box saves space.
- The background strip at the bottom of the tray is more conducive to observing sample loading.
- 99.99% high-purity platinum electrodes for optimal conductivity.
- Suitable for nucleic acid electrophoresis, separation, identification of DNA, and determination of its molecular weight.

Technical Specification

- Gel area (W × L): 130 × 200 mm, 130 × 150 mm
- Sample comb: 1.0 mm, 14, 18, 26 wells;
1.5 mm, 18 wells
- Buffer volume: 800 mL
- Pure platinum alloy electrode: Φ0.2 mm
- Product size: 365 × 150 × 130 mm; weight: 1.5 kg
400 × 350 × 300 mm; weight: 2.5 kg



Standard Configuration

Name	Unit	Qty
Electrophoresis Cell Cover with Wires	Set	1
Electrophoresis Cell Shell with Electrodes	Set	1
Gel Box	PC	1
Large Gel Tray (130×200mm)	PC	1
Small Gel Tray (130×150mm)	PC	1
1.0mm thickness 14 wells comb	PC	2
1.0mm thickness 18 wells comb	PC	2
1.0mm thickness 26 wells comb	PC	2
1.5mm thickness 18 wells comb	PC	2