

## TT-HES-1 MiniGEL Electrophoresis System

### HIGHLIGHTS

- Integrated power supply: Just plug into the gel and ready to cast
- Three pre-set voltage selector: 35V, 50V and 100V
- Digital timer adjustable from 0 – 99 minutes or continuous mode
- Easy ejection and reconnection of power supply
- Vented safety lid – current runs only when the lid is in place, prevent electrical hazards during electrophoresis



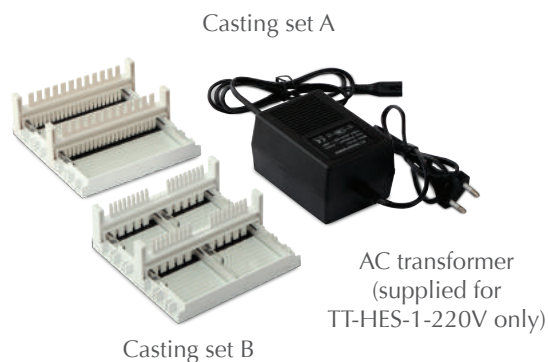
TT-HES-1 MiniGEL Electrophoresis System is a compact, easy to use all-in-one electrophoresis system. It is completed with all components required to cast and run horizontal gels, including gel trays, combs, casting stand, gel tank and digital power supply. The power supply attaches directly to the gel tank without requiring power cables and save valuable bench space. A magnetic sensor allows current to flow to the electrodes only when the lid is in place. Current immediately shut down if the lid is removed during operation. The lid is vented to dissipate heat produced during operation.

Double sided combs are included in the system. The smaller tooth combs are compatible with multichannel pipettes. The gel tray features a dark contrast strip to aid in visualizing wells while loading and lines that fluoresce under UV or blue light to keep track progress of the run.

### EACH STANDARD SET INCLUDES

- Main device
- Power supply
- Power cord (For TT-HES-1-110V only)
- AC transformer (For TT-HES-1-220V only)
- Casting set A for 11cm x 6cm gels: two gel trays and two combs (22\*/12 teeth)
- Casting set B for 5.4cm x 6cm gels: four gel tray and two combs (18\*/10 teeth)

\* Multichannel pipette compatible



Includes casting gel sets with multichannel pipette compatible combs

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Lab Systems

## APPLICATIONS

- Northern and Southern blotting
- Cosmid library restriction analysis
- STS screening
- Microsatellite analysis
- PCR fragment analysis
- RFLP analysis
- DNA finger printing & high throughput analysis



## TECHNICAL DATA

Specifications	TT-HES-1 -110V MiniGEL Electrophoresis System	TT-HES-1 -220V MiniGEL Electrophoresis System
Input power	AC 100-120V, 50-60Hz	AC 220-240V, 50-60Hz
Output voltage	DC 35V, DC 50V or DC 100V	DC 35V, DC 50V or DC 100V
Timer	0 - 99min. or continuous	0 - 99min. or continuous
Tank dimension (WxDxH)	110 x 120 x 45 mm	110 x 120 x 45 mm
Buffer volume	250 ml - 300 ml	250 ml - 300 ml
Gel tray (WxD)	Gel Tray A: 110 x 60 mm (2pcs) Gel Tray B: 54 x 60 mm (4pcs)	Gel Tray A: 110 x 60 mm (2pcs) Gel Tray B: 54 x 60 mm (4pcs)
Double sided comb (Width x thickness x no. of teeth)	Teeth for casting set A: (1) 3 x 1 mm x 22* (2) 5.6 x 1 mm x 12  Teeth for casting set B: (1) 3 x 1 mm x 18* (2) 5.6 x 1 mm x 10  *Multichannel pipette compatible	Teeth for casting set A: (1) 3 x 1 mm x 22* (2) 5.6 x 1 mm x 12  Teeth for casting set B: (1) 3 x 1 mm x 18* (2) 5.6 x 1 mm x 10  *Multichannel pipette compatible
Max. power	40W	40W
Dimension (WxDxH)	190 x 130 x 55 mm	190 x 130 x 55 mm
Net weight	0.45 kg (without AC transformer)	0.45 kg (without AC transformer)

## ORDERING INFORMATION

Specifications	MiniGEL Electrophoresis System
TT-HES-1-110V	MiniGEL Electrophoresis System TT-HES-1, AC 100 - 120V
TT-HES-1-220V	MiniGEL Electrophoresis System TT-HES-1, AC 220 - 240V

