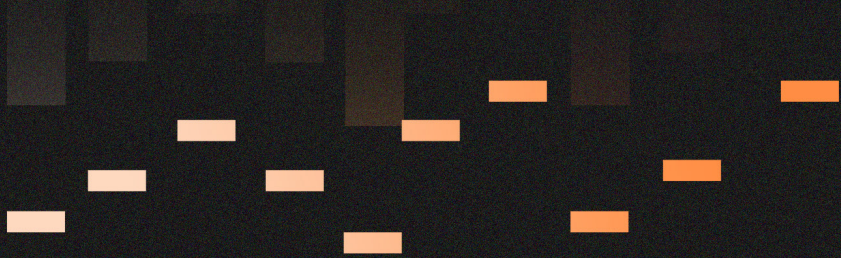


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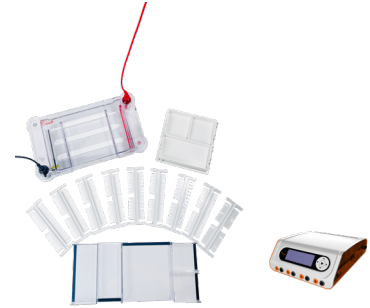
# NUCLEIC ACID GEL ELECTROPHORESIS AND IMAGING SYSTEM



## TSE-N Multipurpose Horizontal Electrophoresis Unit

### Product Features

- Suitable for PCR electrophoresis with a 1mm 27-tooth comb, accommodating 108 samples (including markers) in one run.
- Convenient use with various tray combinations.
- High-temperature resistant gel trays, no deformation at 100°C; no need to dry agarose before casting.
- Embedded design for active electrodes. No need for rubber sealing rings and guaranteed leak-free operation.



### Product Parameters

<b>Model</b>	TSE-N
<b>Dimensions (L × W × H)</b>	300 x 155 x 100 mm
<b>Gel Area (W × L)</b>	130 x 130 mm, 130 x 65 mm, 65 x 130 mm, 65 x 65 mm
<b>Combs</b>	Quantity: double-sided, 9 combs Specifications: 0.75mm thickness: 7+7 teeth / 14 teeth, 9+9 teeth / 19 teeth; 1.0mm thickness, 12+12 teeth / 27 teeth; 1.5mm thickness, 7+7 teeth / 14 teeth, 9+9 teeth / 19 teeth; 2.0mm thickness, 3+2 teeth / 3+3 teeth
<b>Maximum Buffer Volume</b>	1000 mL
<b>Weight (Net)</b>	1.5 kg
<b>Maximum Voltage</b>	200 V
<b>Maximum Power</b>	40 W
<b>Maximum Buffer Temperature</b>	40°C
<b>Power Supply</b>	Compatible with TRANSGEN Universal Electrophoresis Power Supply (TSE-E) (optional)

## TSI-100 Gel Imaging System

### Product Features

- High sensitivity, high-resolution digital imaging system.
- Equipped with white and ultraviolet light sources, capable of digitizing images of silver-stained, fluorescent, gel, Coomassie blue, and nucleic acid-stained samples.
- Compatible with gel analysis software for various image analyses.
- Multi-purpose dark box eliminates the need for a darkroom setup in the laboratory and allows for ultraviolet light transmission, white light transmission, and ultraviolet reflection photography, minimizing potential harm from ultraviolet light exposure to humans.
- Uniform illumination with a maximum imaging area of 200 x 250 mm.



### Product Parameters

<b>Model</b>	TSI-100
<b>Dimensions (L × W × H)</b>	440 x 430 x 770 mm
<b>CCD Resolution (H × V)</b>	2592 x 1944
<b>Pixel Density</b>	8 bits
<b>Auto Zoom Lens</b>	C-mount, f/1.2, 8-48 mm
<b>Illumination Modes</b>	Transmitted Ultraviolet Light, Transmitted White Light, Episcopic White Light
<b>Excitation Light Sources</b>	300 nm, White Light (Standard), 254 nm, 365 nm
<b>Filter Positions</b>	1
<b>Chemiluminescence</b>	None
<b>Transmitted Area</b>	25 x 20 cm
<b>Operating System Compatibility</b>	Windows 2000/XP/WIN7
<b>Weight</b>	20 kg

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