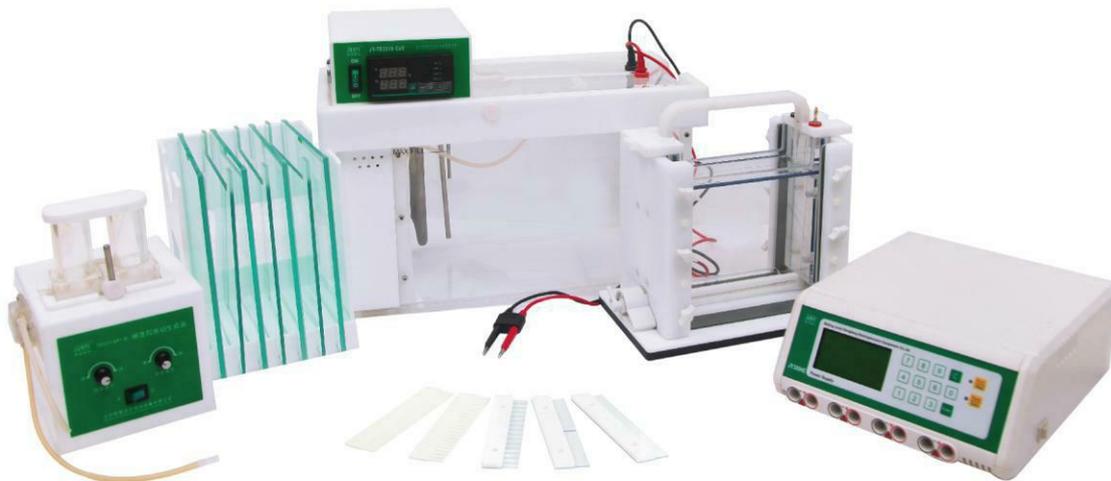


Denaturing Gradient Gel Electrophoresis System

Denaturing Gradient Gel Electrophoresis (DGGE) is an important technique used in the search for mutations and DNA polymorphisms critical in genetic disorders and cancers, and to understand genetic diversity among species.

JY-TD331A Denaturing Gradient Gel Electrophoresis System

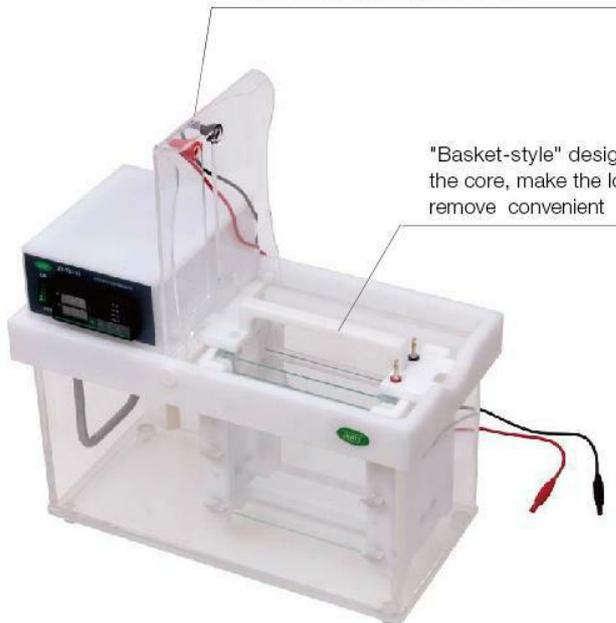


Product features

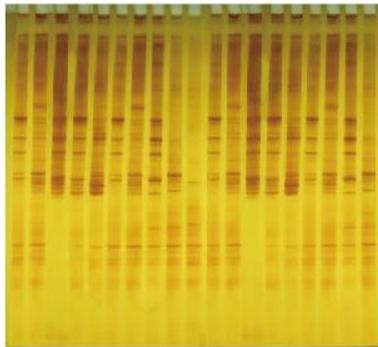
- With the gel making device of normal position, don't should to moving the glass plate from the process of making gel to electrophoresis.
- With the Gradient gel electric generator, the flow rate can be adjusted.
- Built-in miniature buffer liquid circulating pump, a buffer solution temperature uniformity can be achieved $\pm 5^{\circ}\text{C}$.
- Side-open safety lid, easy to loading the sample, automatically cut off the electric field when open the lid.
- Type of Output: Constant-Voltage, Current or Power
- Max output: 600V/500mA/300W.
- With over-voltage, overload auto-detection and alarm function.
- Can simultaneously display all set parameters and output status.
- Insulating fire-retardant materials, injection molding using the mold shell, advanced technology.
- Store 10 most common electrophoresis ways.
- Timer Range: 1min~99hr, 59min
- The temperature control probe with a safety sheath, protection of the probe does not damage.
- With the buffer liquid height sensors, protection of the product does not damage because of the lack of buffer capacity.

"Side-open" safety lid, easy to loading the sample automatically cut off the electric field when open the lid.

"Basket-style" design within the core, make the load and remove convenient



You can safely place the "Electrophoresis / temperature control module" and " Glass Plates"



The experimental spectrum

JY-TD331A Technical specifications

| | |
|------------------------|------------------|
| Glass plate area (W×L) | 200×200 (mm) |
| Gel area (W×L) | 162×175 (mm) |
| Gel thickness | 1.0 mm |
| Amount of gel | 1~2 (piece) |
| No. of samples | 1~70 |
| Buffer capacity | ~10 (L) |
| Volume (L×W×H) | 458×230×285 (mm) |
| Weight | 23.0 (kg) |

JY-TD331A Packing configuration

| Parts name | Packing quantity |
|---------------------------------|------------------|
| Power supply | 1 |
| Body tank with electrode | 1 |
| Gel casting base | 1 |
| Gradient gel electric generator | 1 |
| Notched glass plates | 4 |
| 1.0mm bonded glass spacer | 4 |
| 1.0mm thickness 1 wells comb | 2 |
| 1.0mm thickness 2 wells comb | 2 |
| 1.0mm thickness 15 wells comb | 2 |
| 1.0mm thickness 21 wells comb | 2 |
| 1.0mm thickness 35 wells comb | 2 |
| Accessory bracket | 1 |
| Control cables | 1 |
| Electrical Cables | 1 |