

## Vertical Electrophoresis System

- SASTEC Vertical Electrophoresis System is a dedicated, simple and easy to use system. It is manufactured from high acrylic with platinum electrodes.
- Its seamless, injection-molded transparent base prevents leakage and breakage.
- This system is very safe for the users. Its power source will be turned off when user opens the lid. The special lid design avoids making mistakes.
- Different combs and spacers is available;
- Transparent tank for visibility without obstructions;
- Casting and running the gel at the same place;
- Gel casting device makes gel casting simply and save your precious time;
- Special wedge frame design can fix gel room firmly;
- Molded buffer tank equipped the electrodes with pure platinum;
- Easy and convenient to add the sample;
- Run one gel or run two gels at the same time;
- Save buffer solution, and the basic solution only needs 170ml;
- Special configuration design of the tank and lid avoid the mistakes during the operation
- Power disables when you open the lid for user's safety;
- High resolution separation with simple operation.
- Applications: For SDS-PAGE, Protein Electrophoresis
- Suitable Power Supply: ST-DYY-6C, ST-DYY-8C



### Specification of Vertical Electrophoresis System

Model	ST-EP-DYCZ-24DN	ST-EP-DYCZ-24EN
Gel Dimension (mm)	82 x 82	130 x 100
Samples	10 or 15	12 or 16
Combs	1.0, 1.5mm (option 0.75mm)	1.0, 1.5mm
Buffer Volume	400 ml	130 x 100
Size (L x W x H) mm	150 x 100 x 140	190 x 170 x 120
Weight	1 kg	2 kg

## Power Supply

- Controlled by micro-computer, LCD display.
- Parameter can be adjusted during the running process.
- Constant voltage, constant current and timer.
- Applications: DNA, RNA, Protein, Agarose, Isoelectric focusing, 2 dimensional electrophoresis.



### Specification of Horizontal Electrophoresis System

Model	ST-DYY-7C	ST-DYY-6C	ST-DYY-8C
Voltage Range	2~300V (in IV Steps)	6~600V (in IV Steps)	5-600V (in IV Steps)
Current Range	5~200mA (in 1mA Steps)	4~400mA (in 1mA Steps)	2~200mA (in 1mA Steps)
Power	300W	240W	120W
Output Terminal	4 pairs	4 pairs	2 pairs
Dimension (W x D x H) mm	315 x 290 x 128	315 x 290 x 128	315 x 290 x 128
Weight	5 kg	5 kg	5 kg
Application	Western blotting, semi dry blotting	DNA, RNA, Protein, Agarose, Isoelectric focusing, 2 dimensioned electrophoresis	DNA, RNA, Protein, Agarose, 2 dimensioned electrophoresis