

Multi functional horizontal electrophoresis tank

Product Number: ME120

Application

The ME120 multifunctional horizontal electrophoresis tank is a device used for rapid agarose electrophoresis of small amounts of nucleic acid samples. Gel preparation can be completed in the gel tank of a multi-purpose gel maker (without the need for tape sealing). The equipped multi-purpose glue maker can fill small glue of 60 × 60mm, wide glue of 120 × 60mm, as well as long glue of 60 × 120mm and large glue of 120 × 120mm. This electrophoresis tank is also equipped with 8 different comb sizes and thicknesses for selection, with sample energies of 2, 3, 6, 8, 11, 13, 18, 25 teeth, standard combs, and various preparation combs. The filled agarose gel of various sizes can be put into the platform of the horizontal electrophoresis tank for electrophoresis, so that multiple tanks can be used, which can save experimental space and experimental funds.

Features

1. The tank body is made of high-strength transparent polycarbonate material injection molded, which eliminates liquid leakage and facilitates observation of the electrophoresis process.
2. Multiple safety designs eliminate potential operational safety issues.
3. The safety button style cover design facilitates the opening of the electrophoresis tank cover.
4. Equipped with multi-purpose glue maker, gel area: large glue 120 × 120mm; Wide adhesive 120 × 60mm; Long glue 60 × 120mm; There are four specifications of adhesive sheets with a size of 60 × 60mm, which can achieve multiple uses of grooves, saving experimental costs and the occupied area of the experimental table.
5. The multi-purpose glue maker is made of heat-resistant material (135 degrees Celsius) injection molded without deformation.
6. When making glue, there is no need to seal it with adhesive tape.
7. The 8 types of combs included in the multi-purpose glue maker are made of heat-resistant materials (135°C) injection molded, with no deformation, dimensional accuracy, and should not be damaged.
8. The design of a horizontal platform with a vertical fixed reference inside the tank allows both small and large gels to be conveniently placed at the center of the electrophoresis tank for electrophoresis.
9. International popular exterior design, premium concept, reaching the same level as similar products.

Specification

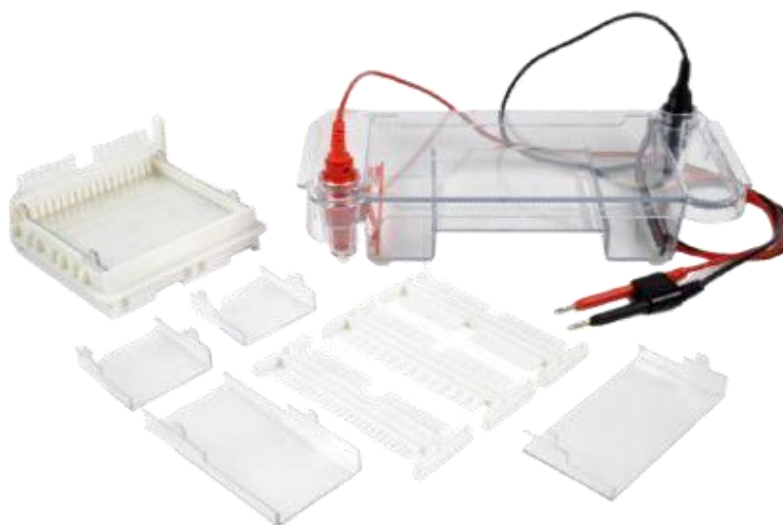
Large area of electrophoresis tank carrying gel	120mm×120mm
Types of adhesive trays	120mm×120mm; 120mm×60mm; 60mm×120mm; 60mm×60mm
High voltage load	500V
Total volume of buffer solution accommodated	650mL
Specification of rubber frame	60mm×60mm, glue filling amount: 25-30mL per piece
	60mm×120mm, glue filling amount: 45-50mL per piece
	120mm×120mm, glue filling amount: 90-100mL per piece
Sample comb specifications	1.0mm 25teeth, maximum sample size: 15μL
	1.5mm 18teeth, maximum sample size: 25μL
	1.5mm 13teeth, maximum sample size: 50μL
	2.0mm 3teeth, maximum sample size: 80μL (Marker)/200μL /300μL/550μL



MEBEP TECH(HK) Co., Limited

Email: sales@mebep.com Website: www.mebep.com

Tel: +86-755-86134126 WhatsApp/Facebook/Twitter: +86-189-22896756



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