

Electrophoresis System

HE-120 Multifunctional Horizontal Gel Electrophoresis Cell

The HE-120 Multifunctional Horizontal Gel Electrophoresis Cell include many features that make casting and running agarose gels simple and efficient. The HE-120 system include these features that molecular biologists ask for:

- The Mini All-purpose Gel Caster eliminate the need for gel sealing tape during gel casting
- Multiple size gel trays (6×6cm, 6×12cm, 12×6cm, 12×12cm) supple the choice of user and retrench the dosage of agrose
- Gel can be cast while the electrophoresis unit is being used or multiple gels can be cast in advance
- Multiple combs increase the number of samples that analyzed per gel
- Removable gel trays allow easy manipulation of the gel throughout processing
- Safety interlock lids prevent an electrical connection from being made until the lid is properly in place



HE-120

Specifications

Gel size	6 × 6cm	
	6 × 12cm	
	12 × 6cm	
	12 × 12cm	
Comb	1.0mm	25 teeth/11 teeth
	1.5mm	18 teeth/8teeth
	1.5mm	13teeth/6 teeth
	2.0mm	3teeth/2 teeth
Maximum Voltage	500V	
Typical buffer volume	1000ml	
Typical run times for agarose	45minutes	

Maximum Sample Volume Per Well

Comb	Maximum Sample Volume
1.0mm 25 teeth/11 teeth	15µl
1.5mm 18 teeth/8teeth	25µl
1.5mm 13teeth/6 teeth	50µl
2.0mm 3teeth/2 teeth	80µl(Marker)/200µl/300µl/500µl

HE-90 Mini Horizontal Gel Electrophoresis Cell

The HE-90 Mini Horizontal Gel Electrophoresis Cell include many features that make casting and running agarose gels simple and efficient. The HE-90 system include these features that molecular biologists ask for:

- The Mini Gel Caster eliminate the need for gel sealing tape during gel casting
- Two size gel trays (8×5cm, 8×10.5cm) supple the choice of user and retrench the dosage of agrose
- Up to 4 Gels can be pile up to run in one cell
- 9 to 204 samples can be run in one cell one time
- Combs fit the 8 channels pipet, 8 samples can be added one time
- Removable gel trays allow easy manipulation of the gel throughout processing
- Safety interlock lids prevent an electrical connection from being made until the lid is properly in place



HE-90

Specifications

Gel size	8× 5cm	8× 10.5cm
	Comb	
Comb	0.75mm	9 teeth/17 teeth
	1.50mm	9teeth/17 teeth
Maximum Voltage	250V	
Typical buffer volume	400ml	
Typical run times for agarose	30minutes	

Maximum Sample Volume Per Well

Comb	Maximum Sample Volume
0.75mm 9 teeth	15µl
0.75mm 17 teeth	6.5µl
1.50mm 9teeth	30µl
1.50mm 17 teeth	13µl