



Vertical Electrophoresis (SDS-PAGE)



model-KVLE-2

- KLABS LVE-2 Vertical Electrophoresis system is designed for running 1-2 precast or handcast gels (cassette size 10cm x 8cm) for electrophoresis.
- The locking side fasteners provide a tight seal that ensure rapid and easy electrophoresis.
- The unit comes equipped with 2 gel casting stands and casting frames, perfect for handcasting your own gels.
- Simply align the spacer and short glass plates, seal between the hinges, and allow your gel to polymerize.
- Insert the polymerized gel into the electrophoresis module for an efficient gel running experiment.

SPECIFICATIONS:

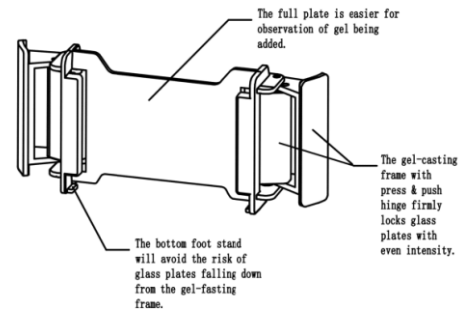
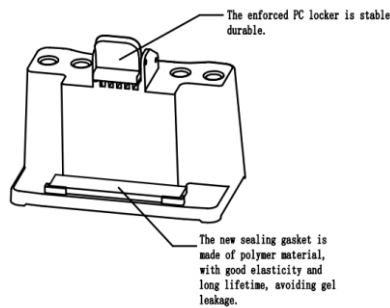
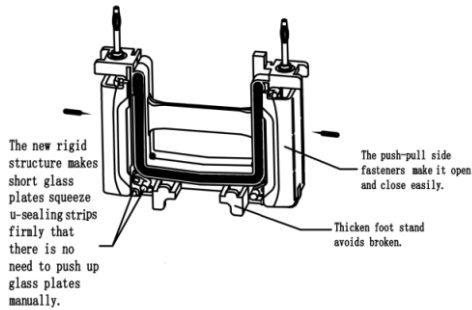
Model	KVLE-2
Make	KLABS
Total Buffer Volume	1000 ml
Gel Quantity	1 - 2 gels
Gel Thickness	1.0 mm(included), 0.75 mm,1.5 mm
Glass Plates	Short glass plate: 100×73mm; Spacer glass plate: 100×83mm
Gel Size	83×73mm
Combs	1.0mm: 10 and 15 wells (included)
	0.75mm: 10 and 15 wells 1.5mm: 10 and 15 wells
Typical Run Time	35–45 min (at 200 V constant)
Dimensions & Weight	180 x 130 x 160 mm & 3 kgs

STANDARD ACCESSORIES:

- 2 gel casting stands and casting frames
- 1 buffer dam
- 3 spacer plates (1mm)
- 5 short glass plates
- 3 15-well combs
- 3 10-well combs
- 5 sealing gaskets
- Tank and upper lid with power cables
- Primary and Secondary Electrode Cores

SALIENT FEATURES:

- Easier to assemble, leakproof, and with a two-gel capacity that doubles the output of the traditional cell, the LVE-2 cell combines traditional features with higher throughput and even greater reliability.
- High transparency molded polycarbonate, clearly display the running status; easy-to-use Electrode Assembly and leak-free construction.
- The design of sliding wedge of side fastener of electrophoresis core presses the short glass onto the sealing gasket tightly to avoid liquid leakage caused by traditional rotary side fastener



- **Electrophoresis Core:**
The sliding round bars of electrophoresis core lifts the short glass plate that there is no need to push up manually. The push-pull side fastener makes operation easier. Thicken foot stand avoids breaking.
- **Gel Base:** The enforced PC locker is stable and durable. The press and push structure locks the glass plate firmly with even force.
- **Gel-casting frame:**
The flat design is easy for observation of the gel casting process. The bottom supporter avoids glass plate falling down from the gel-casting frame.

