

BG-verMIDI Standard vertical gel tank quick start manual

1. Release screws of electrophoresis module and pull the clamps outwards.
2. Place the sandwich on the module.
3. Pull the clamps inwards ,and then erect it . Screw and seal the sandwich.
4. Check the bottom edges for proper alignment. If not, press the sandwich with all-pur-pose wedge to make it proper alignment.
5. Place the module on gel caster, insert cam of gel caster and screw it to fix up the module. Pour the gel into the sandwich space.
6. After polymerization, release the cam, place the module in tank.
7. The central cooling core provides the cooling capability which prevents “smile”band during electrophoretic separations. The cooling core can be connected to BG-chillerE05 as circulating cooling source (pression less than 30KPa). An ethylene glycol: water (20:80) solution is recommended as coolant.
8. Add the appropriate amount of electrophoresis buffer to the tank. Underlay the sample into the wells, position the lid over the tank and Plug the color-coded leads into the jacks of an approved power supply, start electrophoresis.
9. After electrophoresis, take out the module, Release screws of module. Release each gel sandwich from the module. Remove the gel from the sandwich with all-purpose wedge.

BG-verMINI vertical gel tank

Dimensions (W×L×H)	190mm×150mm×190mm
Glass Plate Size(W×L)	Normal: 133×143mm (Gel Sizes: 113×130mm) Optional: 133×110mm (Gel Sizes: 113×97mm)
Precast gel	Compatibility with precast gels of Pierce and Invitrogen
Number of gels	1~2gels
Upper buffer volume	250~300ml
Lower buffer volume	800~1200ml
Cooling core volume	400ml
Comb module	Normal: 1.0 mm; 12, 16,20 and 24well. Optional: 0.75mm; 12, 16, 20 and 24well. Optional: 1.5mm; 12, 16, 20 and 24well.

Packing list

Item	Quantity	Item	Quantity
Tank	1	Lid and Leads	1
Module	1	Gel Caster	1
Glass Plates	3sets	Comb	4
	□0.75mm 133×143mm;		□0.75mm; 12,16,20 and 24well;
	□1.0mm 133×143mm;		□1.0 mm ;12,16,20 and 24well;
	□1.5mm 133×143mm.		□1.5mm ;12,16,20 and 24well.
All-purpose Wedge	1	Buffer Dam	1
User Mannl	1	Latex tube	2
Qualified Certificate	1	Service Card	1

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BG-verMIDI 标准垂直电泳仪快速使用说明书

1. 松开本体上的螺栓，拉开左右滑块；
2. 放入两块玻璃板组成的凝胶室；
3. 合上滑块，拧螺栓锁紧凝胶室；
4. 检查凝胶室底部是否与本体端重合，若稍有偏差，可用多用取胶器较厚一端下压，使其对齐；
5. 将上述组合放入制胶架，插入并旋紧凸轮，即可灌胶；
6. 待凝胶完全凝固后，松开凸轮，取出本体组合，放入下槽；
7. 建议中央冷却芯连接 BG-chillerE05 恒温循环器作为冷却装置（压力不大于 30KPa），防止电泳过程中出现“微笑”现象。20: 80 的乙烯乙二醇溶液可以作为冷却剂；
8. 加入缓冲液，加样，安装上盖，开始电泳；
9. 电泳结束后，取出凝胶室，用多用取胶器（钼红色标尺）撬开玻璃板取胶。

提示：如有问题，请到本公司网站下载详细说明书。

技术参数

电泳仪尺寸 (宽×长×高)	190mm×150mm×190mm
凝胶板尺寸(W×L)	标准配置: 133×143mm (凝胶尺寸: 113×130mm) 可选配置: 133×110mm (凝胶尺寸: 113×97mm)
预制胶	兼容 Pierce and Invitrogen 公司预制胶
凝胶数量	1~2 块
上槽缓冲液量	250~300ml
下槽缓冲液量	800~1200ml
冷却室容量	400ml
梳子规格	标准配置: 1.0 mm 厚, 12、16、20、24 齿; 可选配置: 0.75mm 厚, 12、16、20、24 齿; 可选配置: 1.5mm 厚, 12、16、20、24 齿。

装箱单

配件	数量	配件	数量
下槽	1	上盖及电源线	1
主体	1	制胶架	1
凝胶板	3 套	梳子	4
	□1.0mm; 133×143mm		□1.0 mm; 12、16、20、24 齿
	□0.75mm; 133×143mm		□0.75mm; 12、16、20、24 齿
	□1.5mm; 133×143mm		□1.5 mm; 12、16、20、24 齿
多用取胶器	1	单胶替代板	1
快速使用说明书	1	乳胶管	2
合格证	1	保修卡	1