

IB62000

18x22CM FORMAT VERTICAL GEL SYSTEM

 VERTICAL
ELECTROPHORESIS

IBI's Variable Comb Vertical (VCV) System is designed for high resolution and rapid analysis of protein and nucleic acid samples in 18x22cm format agarose and polyacrylamide gels. This system allows analysis to be completed in less than 90 minutes, while maintaining comparable resolution. It is ideal for mapping or blotting procedures. The 0.8mm gel thickness gives uniformity of thin vertical gels, allows sharper band patterns, quicker denaturation, and fragment transfer. Its simple design, durable construction, and variety of accessories enable the VCV system to be used for many different applications.

ORDERING INFORMATION

| CATALOG# | DESCRIPTION |
|----------|---|
| IB62000 | VCV VERTICAL GEL SYSTEM *Comes complete with safety lid, one 1.5mm x 12 tooth comb, 1.5mm x 20 tooth comb, 1.5mm spacer set, two spacer tabs, inner glass plate, outer glass plate, frosted glass plate, four sandwich clips & power cords. |



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SPECIFICATIONS

| | Height | Width | Length |
|------------------|--------|--------|--------|
| Unit Dimensions: | 29.0cm | 36.0cm | 12.5cm |
| Gel Dimensions: | | 18.0cm | 22.0cm |

CAPACITY

- Maximum Sample Capacity: **20 Samples** (1 Comb, 20 Samples Ea.)
- Buffer Capacity: **550ml** - Upper Reservoir
550ml - Lower Reservoir
- Maximum Voltage: **600V**

ACCESSORIES AND REPLACEMENT PARTS

| CATALOG# | DESCRIPTION |
|----------|--------------------------------|
| SPC-M4 | Power Cords, Red and Black |
| IB62200 | Replacement Lid, w/Power Cords |
| IB62600 | Replacement Gasket |
| IB62425 | 0.8mm Reversible Spacer Set |
| IB62235 | 1.5mm Reversible Spacer Set |
| IB62445 | 3.0mm Reversible Spacer Set |
| IB62545 | VCV Inner Glass Plate |
| IB62555 | VCV Frosted Inner Glass Plate |
| IB62585 | VCV Outer Glass Plate |

ADDITIONAL COMBS AVAILABLE

| CATALOG# | DESCRIPTION | WELL WIDTH | VOLUME PER MM WELL DEPTH |
|----------|----------------------------|--------------|--------------------------|
| IB62045 | 0.8mm x 12 tooth | 10.0mm | 8μl |
| IB62105 | 0.8mm x 20 tooth | 5.0mm | 4μl |
| IB62055 | 1.5mm x 12 tooth | 10.0mm | 15μl |
| IB62115 | 1.5mm x 20 tooth | 5.0mm | 7.5μl |
| IB62065 | 3.0mm x 12 tooth | 10.0mm | 30μl |
| IB62125 | 3.0mm x 20 tooth | 5.0mm | 15μl |
| IB62345 | 0.8mm, 2 markers, 2 sample | 6.3, 72.0mm | 5.0, 57.6μl |
| IB62355 | 1.5mm, 2 markers, 2 sample | 6.3, 72.0mm | 9.5, 108.0μl |
| IB62365 | 3.0mm, 2 markers, 1 sample | 6.3, 147.0mm | 18.9, 441.0μl |
| IB62375 | 3.0mm, 2 markers, 2 sample | 6.3, 72.0mm | 18.9, 216.0μl |