

# 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	<b>VCV VERTICAL GEL SYSTEM</b> *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	8 $\mu$ l
IB62105	0.8mm x 20 tooth	5.0mm	4 $\mu$ l
IB62055	1.5mm x 12 tooth	10.0mm	15 $\mu$ l
IB62115	1.5mm x 20 tooth	5.0mm	7.5 $\mu$ l
IB62065	3.0mm x 12 tooth	10.0mm	30 $\mu$ l
IB62125	3.0mm x 20 tooth	5.0mm	15 $\mu$ l
IB62345	0.8mm, 2 markers, 2 sample	6.3, 72.0mm	5.0, 57.6 $\mu$ l
IB62355	1.5mm, 2 markers, 2 sample	6.3, 72.0mm	9.5, 108.0 $\mu$ l
IB62365	3.0mm, 2 markers, 1 sample	6.3, 147.0mm	18.9, 441.0 $\mu$ l
IB62375	3.0mm, 2 markers, 2 sample	6.3, 72.0mm	18.9, 216.0 $\mu$ l