

# JVD-80

## 16x18cm DUAL-SLAB VERTICAL GEL SYSTEM

VERTICAL  
ELECTROPHORESIS

The JVD-80 Dual-Slab Vertical Gel System allows rapid analysis of protein and nucleic acid samples in a 16x18cm polyacrylamide gels. This system allows analysis to be completed in less than 90 minutes, while maintaining comparable resolution. For greater flexibility, the JVD-80 dual vertical system is adjustable from 16cm to 42cm to 62cm tall, increasing resolution 2.5X. The user can run a single gel or two gels at once. The JVD-80 is made from durable cast acrylic, for years of faithful service. The foolproof gasket and notched plates eliminate leaking during usage. The large upper reservoir is designed to allow easy loading of samples.

### SPECIFICATIONS

	Height	Width	Length
Unit Dimensions:	12.5cm	22.0cm	39.5cm
Gel Dimensions:		18.0cm	16.0cm

### CAPACITY

- Maximum Sample Capacity: **27 Samples** (1 Comb, 27 Samples Ea.)
- Buffer Capacity: **500ml** - Upper Reservoir  
**500ml** - Lower Reservoir
- Maximum Voltage: **600V**

### ACCESSORIES AND REPLACEMENT PARTS

CATALOG#	DESCRIPTION
SPC-M4	Power Cords, Red and Black
CTP-125	Casting Tape
GNP-16	Notched Glass Plate, 16cm
GNP-42	Notched Glass Plate, 42cm
GNP-62	Notched Glass Plate, 62cm
GPP-16	Glass Plate Set, 16cm
GPP-16A	Outer Glass Plate, 16cm
GPP-42	Glass Plate Set, 42cm
GP-42	Outer Glass Plate, 42cm
GP-62	Outer Glass Plate, 62cm
SR-16	18cm Support Rods
SR-42	42cm Support Rods
SR-62	62cm Support Rods

### ADDITIONAL SPACER SETS AVAILABLE

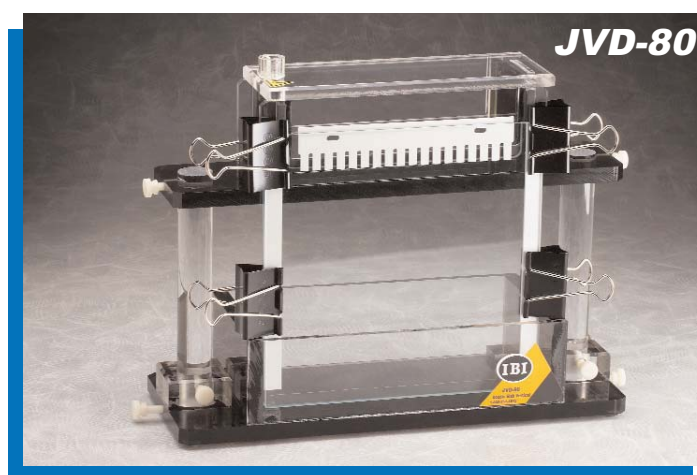
CATALOG#	DESCRIPTION
SP-0416	0.4mm Spacer Set - 16cm gels
SP-0816	0.8mm Spacer Set - 16cm gels
SP-1516	1.5mm Spacer Set - 16cm gels
SP-3016	3.0mm Spacer Set - 16cm gels
SP-0442	0.4mm Spacer Set - 42cm gels
SP-0842	0.8mm Spacer Set - 42cm gels
SP-1542	1.5mm Spacer Set - 42cm gels
SP-3042	3.0mm Spacer Set - 42cm gels
SP-0462	0.4mm Spacer Set - 62cm gels
SP-0862	0.8mm Spacer Set - 62cm gels
SP-1562	1.5mm Spacer Set - 62cm gels
SP-3062	3.0mm Spacer Set - 62cm gels

### ADDITIONAL COMBS AVAILABLE (CONTINUED)

CATALOG#	DESCRIPTION	WELL WIDTH	VOLUME PER MM WELL DEPTH
CP-04P	0.4mm, 2 markers, 1 sample	6.3, 152.4mm	2.5, 61.0μl
CP-08P	0.8mm, 2 markers, 1 sample	6.3, 152.4mm	5.0, 121.9μl
CP-15P	1.5mm, 2 markers, 1 sample	6.3, 152.4mm	9.5, 228.6μl
CP-30P	3.0mm, 2 markers, 1 sample	6.3, 152.4mm	18.9, 457.2μl
PF-26P	0.4mm x 26 tooth*	3.0mm	1.2μl
PF-36P	0.4mm x 32 tooth*	2.5mm	1.0μl
PF-46P	0.4mm x 46 tooth*	2.0mm	0.8μl

### ORDERING INFORMATION

CATALOG#	DESCRIPTION
<b>JVD-80</b>	<b>DUAL-SLAB VERTICAL ELECTROPHORESIS SYSTEM</b> *Comes complete with upper and lower reservoirs, two inner glass plates, two outer glass plates, 16cm support rods, two 1.5mm x 18 tooth combs, two 1.5mm spacer set, four spacer tabs, safety covers, eight sandwich clips, & power cords.



JVD-80 comes complete with: upper and lower reservoirs, two inner glass plates, two outer glass plates, 16cm support rods, two 1.5mm x 18 tooth combs, two 1.5mm spacer set, four spacer tabs, safety covers, eight sandwich clips, power cords, and operation manual.

### ADDITIONAL COMBS AVAILABLE

CATALOG#	DESCRIPTION	WELL WIDTH	VOLUME PER MM WELL DEPTH
CP-0406	0.4mm x 6 tooth	25.4mm	10.1μl
CP-0412	0.4mm x 12 tooth	9.9mm	4.0μl
CP-0418	0.4mm x 18 tooth	5.8mm	2.3μl
CP-0427	0.4mm x 27 tooth	4.0mm	1.6μl
CP-0806	0.8mm x 6 tooth	25.4mm	20.3μl
CP-0812	0.8mm x 12 tooth	9.9mm	7.9μl
CP-0818	0.8mm x 18 tooth	5.8mm	4.6μl
CP-0827	0.8mm x 27 tooth	4.0mm	3.2μl
CP-1506	1.5mm x 6 tooth	25.4mm	38.1μl
CP-1512	1.5mm x 12 tooth	9.9mm	14.9μl
CP-1518	1.5mm x 18 tooth	5.8mm	8.7μl
CP-1527	1.5mm x 27 tooth	4.0mm	6.0μl
CP-3006	3.0mm x 6 tooth	25.4mm	76.2μl
CP-3012	3.0mm x 12 tooth	9.9mm	29.7μl
CP-3018	3.0mm x 18 tooth	5.8mm	17.4μl
CP-3027	3.0mm x 27 tooth,	4.0mm	12.0μl

\* Picket Fence combs are used for sequencing with 42cm conversion.