

# 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

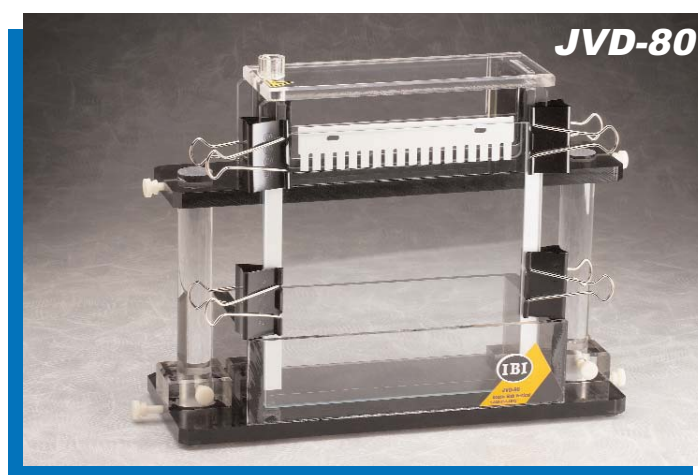
| CATALOG# | DESCRIPTION                  |
|----------|------------------------------|
| SP-0416  | 0.4mm Spacer Set - 16cm gels |
| SP-0816  | 0.8mm Spacer Set - 16cm gels |
| SP-1516  | 1.5mm Spacer Set - 16cm gels |
| SP-3016  | 3.0mm Spacer Set - 16cm gels |
| SP-0442  | 0.4mm Spacer Set - 42cm 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><br>*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.