

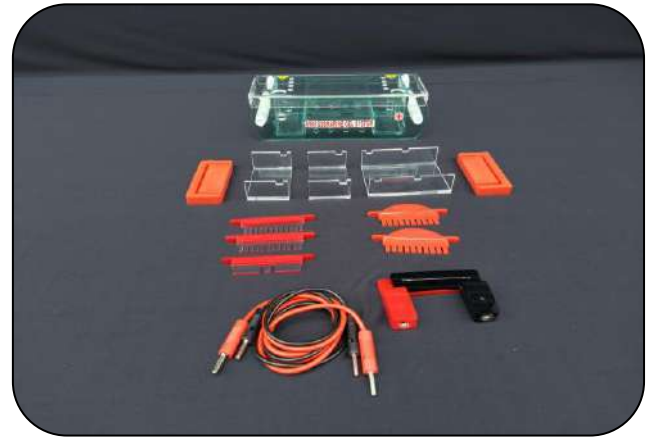
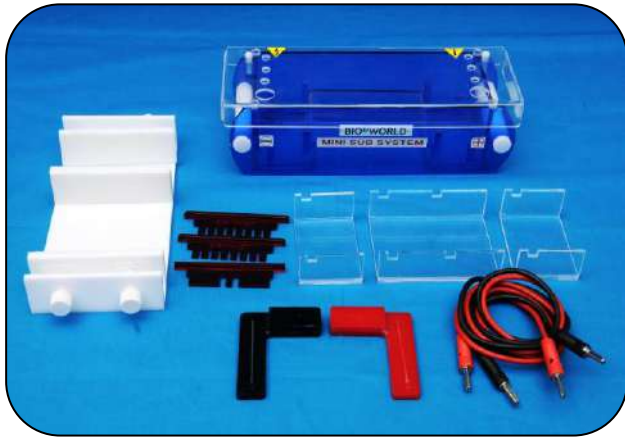


# **MINI SUBMARINE GEL SYSTEM**

## **BIO 03-01**

**Complete Solution for Life Science Research**

## MINI SUBMARINE GEL SYSTEM (#BIO 03-01)



**Horizontal electrophoresis systems, also called submarine units, are systems designed to run agarose submerged in running buffer.**

Samples are introduced to an electric field and will migrate to the anode or cathode depending on their intrinsic charge. Systems can be used to separate DNA, RNA and proteins for quick screening applications such as sample quantification, size determination or PCR amplification detection. Systems typically come with submarine tank, casting tray, combs, electrodes and power supply. Mini, midi and maxi gel sizes are available for small, medium and large gels. System size choice will depend on sample type, size, running time and electrophoresis conditions. Important considerations for horizontal electrophoresis systems are sample type, buffer conditions, time and voltage needed to separate fragments, and bench top size restrictions.

## Technical Specification

| Description                 | Mini Submarine Gel System (BIO 03-01)                                     |
|-----------------------------|---------------------------------------------------------------------------|
| Unit Dimensions (L x W x H) | 20 x 10 x 10 cm                                                           |
| Buffer Volume               | 200 ML                                                                    |
| Combs                       | 8 Well Acrylic Comb(2 No's) &<br>3 Well Preparative Comb (1 No)           |
| Comb Thickness              | 1.5mm                                                                     |
| Gel Platforms/Running Tray  | Gel Running Tray 10 X 7 Cm (1 No) &<br>Gel Running Tray 5 X 7 Cm (2 No's) |
| Comb Slots                  | 2 Slots for 10 X 7 Cm Tray &<br>1 Slot for 5 X 7Cm Tray                   |
| Gel Casting Tray            | Universal Tray – 1 No                                                     |
| Platinum Electrodes         | 1 Set (Anode and Cathode)                                                 |
| Connecting Cord             | 1 Pair (Red and Black)                                                    |

## Ordering Information

| Cat#           | Description                                 | Qty    |
|----------------|---------------------------------------------|--------|
| BIO03-01       | Mini Submarine Gel System (Complete Set)    | 1 No   |
| BIO 03-01-EL   | Platinum Electrode (Red & Black)            | 1 Set  |
| BW 03-01GS     | Gel Scoop for 10 x 7 cm Gels                | 1 No   |
| BW 03-01-01    | Leveling table for Gel Casting 15 x 15 cm   | 1 No.  |
| BW 03-01-03    | Gel running tray 70 x 50 mm (2 / pack)      | 1 Pack |
| BW 03-01-04    | Gel casting tray for 70 x 50 mm             | 1 No   |
| BW 03-01-03 UV | UV transparent gel running tray 70 x 50 mm  | 1 No   |
| BW 03-01-05    | Gel running tray 100 x 70 mm                | 1 No.  |
| BW 03-01-06    | Gel casting tray for 100 x 70 mm            | 1 Pack |
| BW 03-01-04 UV | UV transparent gel running tray 100 x 70 mm | 1 No   |
| BW 03-01-07    | Acrylic comb MINI 8 well 1.5 mm             | 1 No.  |
| BW 03-01-08    | Acrylic comb MINI 14 well 1.0 & 1.5 mm      | 1 No.  |
| BW 03-01-09    | Acrylic comb MINI 3 well preparative 3.0 mm | 1 No   |
| BW 03-01-CC    | Connecting Cord (Red & Black)               | 1 Pair |

## BIO WORLD

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