

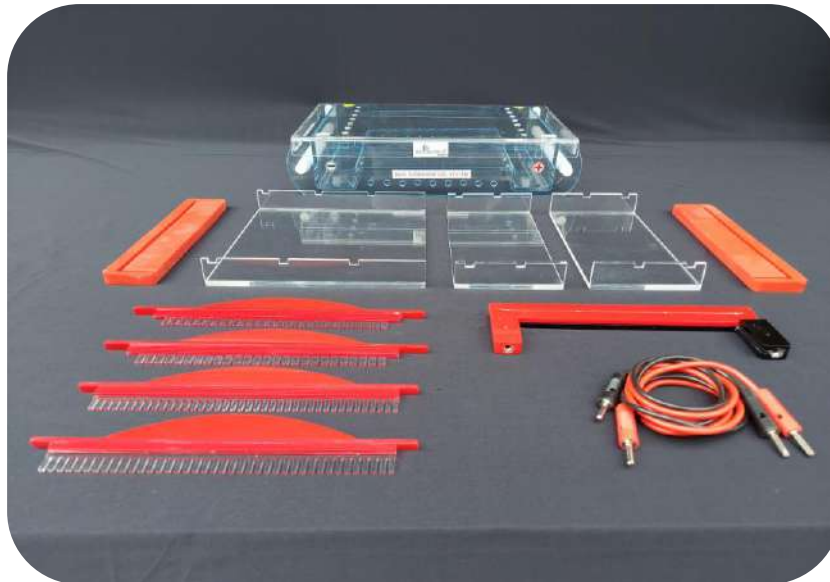


MAXI SUBMARINE GEL SYSTEM

BIO 03-04

Complete Solution for Life Science Research

MAXI SUBMARINE GEL SYSTEM (#BIO 03-04)



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	Maxi Submarine Gel System (BIO 03-04)
Unit Dimensions (L x W x H)	35X 22 X 8cm
Gel Dimensions (L x W)	20 X 20 Cm
Buffer Volume	800 ml
Maximum Sample Capacity	26
Combs	26 Well Acrylic Comb(2 No's) & 3 Well Preparative Comb (1 No)
Comb Thickness	1.5mm
Gel Platforms/Running Tray	20 X 20 Cm (1 No) & 5 X 7 Cm (2 No's)
Comb Slots	2 Slots for 10 X 7 Cm Tray & 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)
User Manual;	Yes

Ordering Information

Cat#	Description	Qty
BIO 03-04	Maxi Submarine Gel System (Complete Set)	1 No
BW EL-03-04	Spare Electrodes 2 No's for 03-04	1 Set
BW 03-04-01	Developing chamber light proof - LARGE	1 No.
BW 03-04-02	Gel running tray (200 mm x 200 mm)	1 No.
BW 03-04-03	Gel casting tray for 200 mm x 200 mm	1 No.
BW 03-04-02 UV	UV transparent gel running tray (200 mm x 200 mm)	1 No.
BW 03-04-04	26-Well acrylic comb 1.5 mm	1 No.
BW 03-04-05	3-Well comb preparative 3.00 mm	1 No.
BW 03-04-06	3-Well comb preparative 6.00 mm	1 No.
BW 03-04-07	Comb stand for 03-04	1 No.
BW 03-04-08	Leveling table with spirit level (25 cm x 25 cm)	1 No.
BW 03-04-09	Connecting Cord (CC)	1 No.
BW 03-04-10	Acrylic comb 25, 30-well 1.0, 1.5mm	1 No.
BW 03-04-12	Gel scoop 200x200mm	1 No.
BW 03-04-13	Gel scoop UV 200x200mm	1 No.
BW 03-04-CC	Connecting Cord	1 No.

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