



MAXI SUBMARINE XL GEL SYSTEM

BIO 03-07

Complete Solution for Life Science Research

MAXI SUBMARINE XL GEL SYSTEM (#BIO 03-07)



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 XL Gel System (BIO 03-07)
Unit Dimensions (L x W x H)	40X 32.5 X 8cm
Gel Dimensions (L x W)	30 X 25 Cm
Buffer Volume	1200 ml
Maximum Sample Capacity	99
Combs	33 Well Acrylic Comb (3 Nos)
Comb Thickness	2 mm
Gel Platforms/Running Tray	30 X 25 Cm (1 No)
Comb Slots	3 Slots
Gel Casting Tray	Universal Tray – 1 No
Platinum Electrodes	1 Set (Anode and Cathode)
Connecting Cord	1 Pair (Red and Black)
Water Circulation	YES (provision for Water circulation)
USER MANUAL	

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