

START-UP KITS

DNA AND PROTEIN KITS

IBI's DNA Lab Start-Up Kits combine high quality IBI horizontal electrophoresis systems and IBI molecular biology reagents to make up an excellent value for your new lab start-up. Each kit contains a complete horizontal electrophoresis system, one liter of 10X TAE buffer concentrate, one liter of 10X TBE buffer concentrate, a 5ml bottle of 6X loading dye, and 100gm of IBI molecular biology grade agarose. *Everything you need to begin research or teaching in your lab!*

ORDERING INFORMATION

CATALOG#	DESCRIPTION
IB50000B	QSH LAB-PAL DNA START-UP KIT *Each kit comes complete with an IB50000 QSH Lab-Pal unit, 6X loading dye, 10X TAE buffer, 10X TBE buffer, and 100gm of molecular biology grade agarose.

ORDERING INFORMATION

CATALOG#	DESCRIPTION
IB51000B	QS-710 DNA START-UP KIT *Each kit comes complete with an IB51000 QS-710 unit, 6X loading dye, 10X TAE buffer, 10X TBE buffer, and 100gm of molecular biology grade agarose.

ORDERING INFORMATION

CATALOG#	DESCRIPTION
IB53000B	MP-1015 DNA START-UP KIT *Each kit comes complete with an IB53000 MP-1015 unit, 6X loading dye, 10X TAE buffer, 10X TBE buffer, and 100gm of molecular biology grade agarose.

ORDERING INFORMATION

CATALOG#	DESCRIPTION
IB56000B	HR-2025 DNA START-UP KIT *Each kit comes complete with an IB56000 HR-2025 unit, 6X loading dye, 10X TAE buffer, 10X TBE buffer, and 100gm of molecular biology grade agarose.

ORDERING INFORMATION

CATALOG#	DESCRIPTION
IB57000B	HR-2525 DNA START-UP KIT *Each kit comes complete with an IB57000 HR-2525 unit, 6X loading dye, 10X TAE buffer, 10X TBE buffer, and 100gm of molecular biology grade agarose.



IB51000B comes complete with: IB51000 electrophoresis system, IB01010 (6X loading dye), IB70040 (agarose), IB70150 (10X TBE buffer), and IB70160 (10X TAE buffer)

IBI's Protein Lab Start-Up Kits are made from the NEW IB94000 MaGELin protein system, designed to run 10x10cm cast-your-own polyacrylamide gels or various other pre-cast gels in a dual running format. This kit also includes high quality IBI molecular biology reagents for your protein system needs. Included is one liter of 10X Tris-Glycine-SDS running buffer, a 5ml bottle of 2X protein loading dye, and 1L of Blue-Clean stain.

ORDERING INFORMATION

CATALOG#	DESCRIPTION
IB94000B	MAGELIN PROTEIN START-UP KIT *Each kit comes complete with an IB94000 MaGELin protein system, 2X loading dye, 10X Tris-Glycine-SDS buffer, and 1L of Blue-Clean stain

IB50000

DUAL 5x7CM FORMAT ELECTROPHORESIS SYSTEM

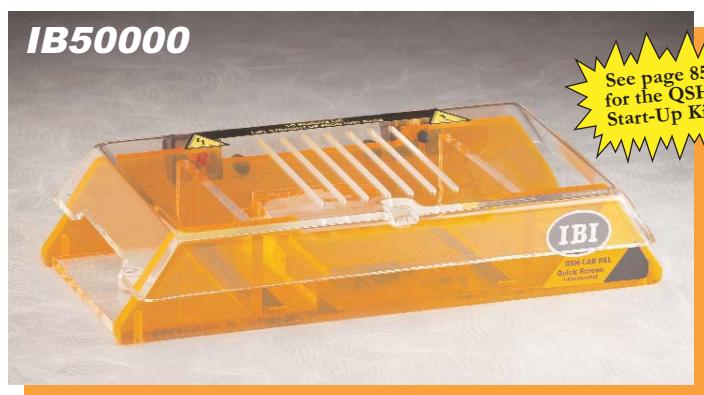
コスモ・バイオ株式会社

HORIZONTAL
ELECTROPHORESIS

IBI's QSH Lab-Pal horizontal gel box is specially designed for the educational market, based upon years of tested and proven performance in the research market. The QSH Lab-Pal maintains all key features to enhance performance with an emphasis on safety, durability, and ease of use. Best in class quality has been maintained with a focus on unit cost and most importantly, cost of operation, which helps stretch your valuable budget's resources!

ORDERING INFORMATION

CATALOG#	DESCRIPTION
IB50000	QSH LAB-PAL ELECTROPHORESIS SYSTEM (5x7cm) *Comes complete with vented lid, dual casting fixture, four glass casting slides, two 1.5mm x 5 tooth combs, bubble level, and power cords.



IB50000 comes complete with: Patented vented lid, dual casting fixture, four glass casting slides, two 1.5mm x 5 tooth combs, bubble level, power cords, and operation manual.

The IBI QSH Lab-Pal incorporates a patented vented lid which allows heat to escape from the gel rig, and thus improves the resolution of faster gel runs. Additional safety is incorporated into the lid with the patented gravity electrical connectors, which disconnects the power to the unit when the lid is removed.

The unique, dedicated dual casting system allows casting independent from the unit, while providing maximum efficiency between lab partners. The dual gel casting system eliminates the need for casting tape! The QSH Lab-Pal casting system also allows for numerous gel slides to be cast and stored for later use (when covered with buffer and refrigerated). *This feature helps to minimize classroom gel casting time and also maximizes precious classroom teaching time.*

The QSH Lab-Pal is constructed of durable cast acrylic, which allows for years of use and resists cracking or warping!

The operation manual includes casting procedures, replacement parts, and helpful hints to maximize your unit's performance in your teaching lab. IBI offers a complete "priced and packaged" line of electrophoresis reagents for the educational market.

The IB50000 has a patented vented lid. Patent# 5,779,869.

SPECIFICATIONS

	Height	Width	Length
Unit Dimensions:	7.0cm	15.0cm	30.5cm
Gel Dimensions:		5.0cm	7.0cm

CAPACITY

- Maximum Sample Capacity: **10 Samples** (1 Combs, 10 Samples)
- Buffer Capacity: **250ml**
- Distance Between Electrodes: **13.0cm**
- Maximum Voltage: **200V**

ACCESSORIES AND REPLACEMENT PARTS

CATALOG#	DESCRIPTION
IB50020	Dual Gel Casting Fixture
IB50140	Casting Slides, Pack of 20
IB50220	QSH QuickLoader
IB50500	Replacement Power Cords
IB50505	Replacement Tank Connector Kit
IB50200	Replacement QSH Lab-Pal Tank
IB50300	Replacement QSH Lab-Pal Lid
IB53305	Replacement QSH Lab-Pal Electrode Assembly

ADDITIONAL COMBS AVAILABLE

CATALOG#	DESCRIPTION	WELL WIDTH	SAMPLE VOLUME PER MM GEL
IB50040	1.0mm x 5 tooth	6.0mm	6.0µl
IB50050	1.0mm x 10 tooth	2.6mm	2.6µl
IB50080	1.5mm x 5 tooth	6.0mm	9.0µl
IB50090	1.5mm x 10 tooth	2.6mm	3.9µl
IB50060	1.0mm, 0 marker, 1 sample	44.0mm	44.0µl
IB50070	1.0mm, 1 marker, 1 sample	6.0, 34.6mm	6.0, 34.6µl
IB50100	1.5mm, 0 marker, 1 sample	44.0mm	66.0µl
IB50110	1.5mm, 1 marker, 1 samples	6.0, 34.6mm	9.0, 52.0µl

