

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.



See page 85  
for the QSH  
Start-Up Kit

**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

