

The newly redesigned MaGELin protein system is truly a versatile system designed to accommodate today's researcher. This system will allow you to cast your own gels using the 10x10cm glass plates and easy-to-use casting fixture, or if you prefer to use precast gels the MaGELin protein system accommodates many of those as well. The MaGELin also utilizes a patented vented lid to help reduce heat buildup during a gel run.

### ORDERING INFORMATION

CATALOG#	DESCRIPTION
<b>IB94000</b>	<b>MAGELIN CAST-YOUR-OWN PROTEIN SYSTEM</b> *Comes complete with patented vented lid, buffer tank, gel capture device w/locking cams, dual gel casting fixture, three inner notched glass plates, three outer glass plates, two sets (4) 0.8mm side spacers, two 0.8mm x 12 tooth combs, buffer dam (for running one gel), and power cords.



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**Casting your own gels.** . . The IB94000 comes with three sets of glass plates, two sets of unique side sealing spacers, and a two place casting fixture for casting your own gels. The two place casting system (IB94100) has a very small footprint, 10x15cm, utilizing minimal space on your lab's bench-top. The gel sandwich is assembled by placing the glass plates into the matched grooves in the side spacers. Once assembled, the glass plate sandwiches are placed into the casting fixture base, as the lid is replaced onto the base, the gel sandwiches are gently pressed down into the casting fixture gaskets and sealed. The gel can now be cast through the opening in the lid. Once the gel has polymerized, the glass plate sandwiches can be removed and placed into the gel capture device, and then into the buffer tank and run. The buffer tank holds a minimum of 350ml of buffer, and a maximum of 850ml for longer runs that may generate more heat. A stir bar can also be placed into the buffer tank to circulate the buffer keeping the ionic concentration constant. The MaGELin is quick and simple to operate!

### SPECIFICATIONS

	Height	Width	Length
Unit Dimensions:	18.0cm	17.0cm	17.0cm
Gel Dimensions:		10.0cm	10.0cm

### CAPACITY

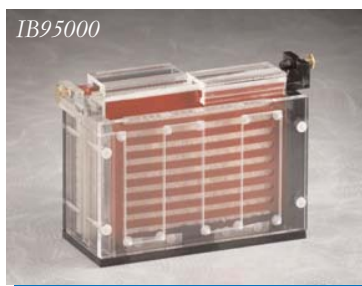
- Maximum Sample Capacity: **15 Samples** (1 Comb, 15 Samples Ea.)
- Buffer Capacity: **850ml Max. - 350ml Min.**
- Recommended Voltage: **150V**

### ACCESSORIES AND REPLACEMENT PARTS

CATALOG#	DESCRIPTION
IB50500	Power Cords, Red and Black
IB92010	Replacement Inner Notched Glass Plates, 5 Pack
IB92020	Replacement Outer Glass Plates, 5 Pack
IB92025	0.8mm Spacer Set, 2 Pack
IB94010	Replacement MaGELin Buffer Tank
IB94020	Replacement MaGELin Gel Capture Device
IB94030	Replacement MaGELin Lid
IB92070	Replacement Casting Fixture Gaskets, 2 Pack
IB92071	Replacement Casting Fixture Knobs, 2 Pack
IB92072	Replacement Tank Connector Kit
IB94074	Replacement Gel Capture Gaskets, 2 Pack
IB94100	MaGELin Casting Fixture, 2 Place
IB94200	MaGELin Casting Fixture, 8 Place
IB95000	MaGELin Western Transfer Module

### ADDITIONAL COMBS AVAILABLE

CATALOG#	DESCRIPTION	WELL WIDTH	VOLUME PER MM WELL DEPTH
IB92030	0.8mm x 10 tooth	5.9mm	4.7µl
IB92031	0.8mm x 12 tooth	4.2mm	3.4µl
IB92032	0.8mm x 15 tooth	3.4mm	2.7µl
IB92033	0.8mm, 0 markers, 1 sample	70.0mm	56µl



Check out the IB95000 on page 18 for your Western Blots needs, the perfect match for your MaGELin protein system!

**Did You Know?**  
The MaGELin protein system has a 1 sample preparative comb (IB92033) used for running IPG strips for the 2nd dimension of the 2D electrophoresis process.