

BEACON

- ✓ **Corrosion resistant body**
- ✓ **Negligible voltage dip on connecting to electrophoresis unit**
- ✓ **Standard electrodes & 4 mm connectors**
Compatible with all regular equipment
- ✓ **Output voltage: 80 V, 140 V**
- ✓ **Max current: 250 mA**



Beacon

Features of this apparatus

Economical

- Less space required by virtue of its compact design
- Achieve short run times due to high current capacity
- No cold room required as power packs can be connected in the refrigerator*

Rugged

- Made of thick quality plastic
- Slow blow fuse to safe guard the transformer
- No corrosion on the body as it is resistant

Easy-To-Use

- Easy to use 4 mm banana plug connectors
- Easy to choose selector switch and/ or knobs

Error Minimization

- Made of shock proof plastic body
- Color coded to avoid errors
- Slow blow fuse to protect the transformer

Ordering description

Beacon (E4100020): Power supply, Range 80 V, 140 V, single output

SUGGESTION

Order along with Ready-to-use system
Ecopage, Slimpage, Ecosub, Slimsub.

Complete Specifications

Details	Beacon
Voltage Outputs	80V, 140V
Current Output	Upto 250 mA DC
No. of Outputs	1
Power (Wattage)	35W
Voltage Adjustment	Via rocker switch
Current Adjustment	None
Mode of Regulation	Constant voltage, current limited
Voltage Indicator	None
Timer	None
Autorecovery on power failure	Yes
Set point stays indefinitely	
Operating temperature range	0°C to +40°C
Voltage input	230 rms, 50 Hz, single phase
Frequency	47 Hz to 53 Hz
Transient suppression provided	Yes
Component details	
Mains switch	Illuminated rocker switch
Fuse	1A, internal
Output socket	4 mm female on front panel
Mains inlet	2 pin on side panel
Line regulation in CV mode	Better than +/- 5%
Load regulation in: no load to full load variation (in CV mode)	Better than 10% for 10%-100% load variation or vice versa
Ripple and noise in CV mode	Less than 5% peak to peak at highest output voltage
Overload protection	None Blinking light indicates overload
Short circuit protection	Transient protection
Overvoltage protection	None
Isolation	2.1KV AC for 1 min
- between AC input & DC output terminals	
- between DC output terminals and chassis	500V AC for 1 min
Insulation	100 Mohms @ 50 DC
- between DC output a& chassis	
Humidity tolerance	upto 95% (non condensing)
Cooling	By normal convection, venting at the back and sides
Dimensions of the body [measurement excludes projecting knobs, handles and switches]	75 mm (w)x 150 mm (h)x 75 mm (d)