

GURUDAS COLLEGE, KOLKATA

Electrophoresis Apparatus	Number of gels		1–4
	Gel size (W x L)		Precast: 8.6 x 6.8; handcast: 8.3 x 7.3
	Glass plate size (cm)	Short plate	10.1 x 7.3
		Spacer plate	10.1 x 8.2
	Total buffer volume for 2 gels		700 ml
	Total buffer volume for 4 gels		1,000 ml
	Typical run times for SDS-PAGE		35–45 min (at 200 V constant)
	Recommended power supply		PowerPac™ Basic or PowerPac HC (High Current)
	Dimensions (W x L x H), cm		12 x 16 x 18
	Weight, kg/lb		1.0/2.2
Gel format		Mini	
Power pack	Output specifications		500 V, 2.5 A, 500 W
	Output range (programmable)		10–500 V, fully adjustable in 1 V steps
			0.01–2.5 A, fully adjustable in 0.001 A steps
			1–500 W, fully adjustable in 1 W steps
	Type of output		Constant voltage, constant current, or constant power with automatic crossover
	Output terminals		4 pair recessed banana jacks floating in parallel
	Timer control		1 min–99 hr 59 min, fully adjustable
	Volt-hour control		99,000 V-hr
	Pause/resume function		Yes
	Programmable methods		Stores 9 methods, each with up to 9 steps
	Real-time clock		Yes
	Automatic recovery after power failure		Yes
	Display		128 x 64 pixel, backlit graphics LCD
	Safety compliance		EN61010
	EMI		Conforms to CE standards for emissions and immunity class A, tested at 120/230 V. TÜV EMC certification
	Safety features		No-load detection, sudden load change detection, ground leak detection, overload/short circuit protection, overvoltage detection, input line protection, auto power-up after power failure
	Input power (nominal)		100–120/220–240 VAC, 50/60 Hz, autoswitching
Operating conditions		0–40°C, 0–90% humidity in the absence of condensation	
Dimensions (W x L x H), cm/in		27.5 x 34 x 10/10.8 x 13.4 x 3.9	
Weight, kg/lb		2.5/5.5	
Blotting apparatus	Maximum gel size (W x L), cm		15 x 9.4
	Buffer requirement, L		1.3
	Gel capacity		4 Mini-PROTEAN® precast or handcast gels, or 2 Criterion™ precast gels
	Recommended power supply		PowerPac™ HC
	Dimensions (W x L x H), cm		21.8 x 11.8 x 15
Weight, kg/lb		1.3/2.9	

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Deep Freezer	Insulation System	60 MM thick polyurethane foam
	No. of Baskets	NA
	Overall Packaged Dimensions (W x D x H) mm	610X620X880
	Overall Product Dimensions (W x D x H) mm	550X565X830
	No. of Doors	1

Rocker

Product Size	Each
Speed Range	5 to 100rpm
Temperature Range (Metric)	4° to 60°C (Operating)
Voltage	100 to 240V
Load Bearing Capacity (English)	11 lb.
Load Bearing Capacity (Metric)	5kg
Rocking Angle	7° to 13°
Display	Digital
Timer	1 min. to 99 hr., 59 min. / Continuous
Height (English)	5.91 in.
Length (English)	12.6 in.
Width (English)	10.87 in.

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Height (Metric)	150mm
Length (Metric)	320mm
Width (Metric)	276mm
Shipping Weight (English)	8.16 lb.
Shipping Weight (Metric)	3.7kg
Hertz	50/60Hz
Certifications/Compliance	CE
Accuracy	± 5rpm at 100rpm
Control	Feedback Control PID
Plug Type	USA
Warranty and Service Offering	2 Years
Dimensions (L x W x H)	12.6 x 10.87 x 5.91 in. (320 x 276 x 150mm)
Electrical Requirements	100 to 240V 50/60Hz
Speed	5 to 100rpm

N.B. Quotations should bear the full specifications model and company name of the instruments and addressed to the Principal.