

Inquiry number: BSBE/SK/21-22/08

Date: 10/10/2022

Closing date: 31/10/2022

Description: Electrophoresis system, Basic Power Supply for Gel Electrophoresis and transfer system, Electrophoresis transfer system

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Product Specification:

Number of gels: 1–4

Cell (tank and lid with power cables): 1

1.0 mm spacer plates (5 plates per box): 1 box

Short plates (5 plates per box): 1 box

Casting stands: 2

Casting frames: 4

Handcast using Mini-PROTEAN glass plates

Total buffer volume for 2 gels, ml: 600-1000

Total buffer volume for 4 gels, ml: 8000- 1,200

Typical run time for SDS-PAGE: 35–45 min (at 200 V constant)

Buffer dam: 1

Output specifications

10–300 V, fully adjustable in 1 V steps

4–400 mA, fully adjustable in 1 mA steps

75 W (maximum)

Type of output: Constant voltage or constant current with automatic crossover

Output terminals: 4 pair recessed banana jacks in parallel

Timer control: 1 min–99 hr 59 min, fully adjustable

Pause/resume function: Yes

Display: 3-digit LED

Operating conditions: 0–40°C; 0–95% humidity in absence of condensation

Fuse on hot and neutral

Dimensions (W x D x H), cm/in

21 x 24.5 x 6.5/8.3 x 9.6 x 2.6

Maximum gel size (W x L, cm): 10 x 7.5

Buffer requirement, ml: 900-1000

Gel capacity: 2 Mini gels

Dimensions (W x L x H, cm): 12 x 16 x 18