

## HORIZONTAL ELECTROPHORESIS APPARATUS

It should have/provide

1. Gel running unit, safety lid, casting trays and combs.
2. Gel Casting Tray of standard form and adjustable for UV transparent gel trays of different sizes i.e. 15x10, 15x15, 15x25cm in the same tank with an integrated fluorescent ruler.
3. Provide hassle free gel casting directly in the electrophoresis cells.
4. Tape free gel casting module for leak free operations.
5. Comb sizes of 1.5mm of 15 wells and 20 wells.
6. Sample throughput of more than 100 samples
7. The option for adjustable height combs with comb holders.
8. The base buffer volume not more than one litre
9. Migration rate of Bromophenol Blue dye to be about ~3cm/hr(at 75 V).
10. lock-in design to run precast agarose gels.
11. Be supplied with 10% Stain Free Gel solution sufficient for casting at least 10 gels

### Power Supply:

12. Output power with voltage from 5V to 500V with an increment of 1 V or less.
13. Output current up to 800 mA with adjustability at 1 mA and output power of 75W or more.
14. Built-in timer 1-999 min, fully adjustable.
15. LED display of three digits and two decimal places preferably
16. accommodate at 0-40°C; 0-90% humidity operating condition.
17. Type of output -constant voltage, constant current, constant power with automatic crossover
18. Pause & Resume function
19. Stackable system
20. Option of auto power-up after power failure
21. Eight sets of output jacks that are compatible with most electrophoresis devices.
22. at least 4 pairs of channels to connect four different units  
Electromagnetic Compatibility (EMC) certified.
23. All necessary safety provisions like over load, no load etc. with alarm for sudden change in load, power failure indication, over temperature and safe plugs and sockets, input line protection, auto power-up after power failure.
24. Both the above systems have to be mandatorily from the same manufacturer for seamless workflow
25. GLP/CMP compliant.
26. safety compliance ICE/ EN-61010 along with BIS certificate
27. Should Conform to EC and CE standards for emissions and immunity class A, tested at 120/230 V.


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28. Certificates of European EC,CE , US-FDA and RoHs are essentially required Warranty CMC/AMC according to AIIMS rule
29. Users list with certificate of satisfactory service.
30. Penalty Clause: If instrument remains in non-working condition for more than 15 days, a penalty of 1% of machine cost will be charged per day.
31. service centre in the city/NCR
32. demonstration of the equipment would be required
33. the company should submit an undertaking from the manufacturer that in case of merger or acquisition of the vendor company, they will be responsible for maintenance of the equipment

  
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### Terms & Conditions:

- The quotations should be submitted to the Professor & Head, Department of Anatomy, Room No. 1010, AIIMS, New Delhi-29 and sent by post/per bearer by 7<sup>th</sup> October, 2016 up to 12.00 P.M. Quotation should be sealed in an envelope and the "name of the item" clearly written on top of the envelop.
- The make of the article offered should invariably be quoted. Quotation should be typed written in ink. All overwriting and erased entries will be deleted from the quotation. The rates should be valid for at least THREE MONTHS.
- VAT/Sales tax or any other kind of tax(s) must be separately mentioned against each item. In case no sales tax is chargeable, prices must be quoted as NET.
- **Warranty/Guarantee:** two years followed by three years CMC comprehensive warranty.
- **Installation:** The firm install the equipment on the site, free of cost
- The firm should be able to give demonstration of the item if required within 5 days of requisition.
- The firm must supply the item within 20 days after confirmation of order.
- **The successful bidder has to submit performances bank guarantee of 10% of the order value valid upto warranty period.**
- The payment will be made electronically viz RTGS/NEFT against delivery and satisfactory installation of the item. The following information should be also mentioned in the quotation.
- Name of the beneficiary:
- Account No. of the beneficiary:
- IFCS code of the bank/branch:
- The quantity can be increased or decreased to any extent depending upon the actual requirement.
- The Professor & Head of the Department reserves the right to cancel/reject full or any part of the rate enquiry which generally do not fulfil the conditions stipulated in the rate enquiry.
- Payment will be made after receiving the items in good condition and satisfactory installation.
- No extra transportation charge will be given to the firm.
- The firm must supply the items within the date mentioned on the supply order copy.

Thanking you

*Renu Dhingra*

(Dr. Renu Dhingra)

Professor

Computer facility: With request for uploading the same in AIIMS websites for the period of 15 Days.

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