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Specification for Electrophoresis gel station with powerpack

1. The system should have option for 4 gels to be placed.
2. The system should have cell tank and its lid with the power cables.
3. The system should be compatible to run either precast or hand-cast gels.
4. The system should be leak free and gel casting.
5. The system should have a companion module to run at least upto 4 gels.
6. The system should be moulded with the polycarbonate material on the construction part.
7. The system should have a buffer volume of 750 ml to run 2 gels and 950 ml to run 4 gels.
8. The system should be supplied along with the suitable universal power pack (High current and High Voltage).
9. The power pack system should have output range of 10 V to 300V fully adjustable.
10. The power pack system unit should have 4 paired banana jacks at the output terminal.
11. The power pack system should have the timer ranging from 1 – 999 min.
12. The power pack system should have pause and resume options.
13. The power pack system should be operating temperature 0 to 40°C.
14. The power pack system should have safety features such as No-load, load change detection, overload, short circuit, auto power input line protection.
15. The system should have a typical run time at 230 V constant.
16. The system should have a mini Gel format size compatibility.
17. The system should be supplied with the buffer dam of at-least 2 quantity.
18. The system should be supplied with the suitable accessories required to function
19. The system should be power efficient and low power consumption.
20. The system should be supplied with all the accessories required to function.
21. Compliance to each of the above points should be separately indicated and evidence presence for each of them (Product brochures should be highlighted wherever required)
22. The system should be supplied with 3-year warranty.
23. The system should be CE/ISO Certified
24. The service provider should have the base in Bangalore. Office address and service Engineer contact details should be enclosed with the quotation
25. The past performance/service support in NCBS/instem/ccamp should be satisfactory and the technical evaluation will be done accordingly.