

DENATURING GRADIENT GEL ELECTROPHORESIS -1No.
Doc. No: ST/12/Gradient Gel Electrophoresis/2016-17/33

Applications :

To detect and quantify the following;

- Detecting single base DNA changes/mutations
- Detecting polymorphisms in double stranded DNA
- Determining DNA fragment melting points

Specifications:

1. Single strand conformational polymorphism(SSCP)
2. One or more reinforced buffer tank / lower reservoir with platinum Electrodes
3. Suitable power supply unit
4. High efficiency cooling coil
5. Programmable heater/stirrer/buffer cyler with temperature ramping capability
6. Two or more acrylic dual gel cassettes/upper reservoir with platinum electrodes
7. Electrical inter lock and safety covers
8. Buffer pump
9. 16 combs (4 each 1mmx 6 well comb and 4 each 2mm x16 well combs),
10. (4 each 1mm x16 well combs and 4 each of 2mm x 6 well combs)
11. Respective and required no. of Spacers and injection ports for above
12. 8 SETS of glass plates
13. Peristaltic pump for gradient GEL formation
14. GRADIENT maker 20 ml per side
15. 16 gel wrap gaskets
16. Spring clamps : required no .as per casting ,glass plates
- 17. OPERATING VOLTAGE : 230 V. A.C. /50 HZ**

Suitable capacity UPS to run the above system with back up time of 30minutes.

Terms and conditions

1. System should be supplied with minimum of 3 YEARS OF COMPREHENSIVE WARRANTY + 2YEARS NON COMPREHENSIVE WARRANTY
2. The above given specifications and features are for the information of bidder to quote a suitable /similar model, matching to the above requirements.
3. However Director NIN reserves the right to accept / reject a model based on selection and technical requirement /suitability.
4. The bidder should be willing to accept and agree these terms and conditions
5. The accessories supplied with equipment like U P S / P.C. /PRINTER should be covered under warranty like main equipment upto 5 years