

GEL Documentation System

System specifications-

- Gel documentation system suitable for Chemi-luminescence , UV and Fluorescence

System Configuration-

- Camera – CCD,1.4 megapixels,
- 12 bit
- Dynamic range - >3 orders of magnitude
- Lens – f/1.2, 8-48mm, motorized zoom
- Camera cooling system: Peltier based (cooling Temp. ~ -40⁰ C)
- Filter position – 3 or more (chemiluminescence, fluorescence- 2)
- Illumination modes – Trans-UV, white and epi-white lights
- Field of view: Min. 20x20cm,
- Fire wire / USB connectivity with fast data transfer

Gel Analysis software

- Capable of imaging and analysing 1-D electrophoresis gels, dot blots, slot blots and colony count
- Molecular weight determination
- Band/lane matching analysis with comparative dendrogram creation, background subtraction
- Latest branded PC with Laser printer

Accessories to be quoted

- 254nm UV lamp / 302 nm UV lamp / 365 UV lamp
- Filter, SYBR Green / Green fluorescent protein / SYBR Gold/ fluorescence

Any other accessories are add-ons that enhance the system performance be quoted separately

Other Requirements

- 3 years comprehensive warranty + 2 more years free AMC
- Validation of the instrument is to be done every six months during the period of warranty.
- Availability of local Service Support and response time for a Service Call during and after warranty to be mentioned.
- Additional features/accessories if any that can potentially increase the productivity of this instrument should be quoted as optional items.