**Bimolecular Imager (GE,FLA 9000)**

***Bimolecular Imager (FLA 9000) is a versatile laser scanner for biomolecular imaging applications including sensitive and quantitative measurements of radio isotopic labels by storage phosphor, chemi-fluorescent Western blots, and multiplex fluorescence as well as digitization of colorimetric stains.***



**SPECIFICATIONS:**

Detection modes:

Fluorescence, Phosphorimaging,

Digitization and Chemiluminescence

Excitation wavelengths:

473 nm (blue LD laser),

532 nm (green SHG laser),

635 nm (red LD laser),

Radioisotopes:

3H, 11C, 14C, 125I, 18F, 32P, 33P, 35S, 99mTc, and other sources of ionizing radiation

Dynamic range: 5 orders of magnitude

Bit depth: 16-bit

Scanning area: 40 × 46 cm

Pixel sizes: 10, 25, 50, 100, 200 μm,and prescan 1000 μm

Standard filters: IP (Phosphorimaging),

LPB (510LP), LPG (575LP), LPR (665LP),BPB1 (530DF20), and BPG1 (570DF20)

Optional filters: BPFR700 (R715), BPFR800(R810),

DBR1 (530DF20/665LP),

and DGR1 (570DF20/665LP)

Temperature: 15°C to 30°C

Humidity: 20% to 70% (no condensation)

**ACCESSORIES:**

* FLA9000 SCANNER WITH LD635/BI-PMT EU
* FLA9000 LASER UPGRADE- KIT
* FLA5000/9000 FILTER SET
* BAS IMAGING PLTE TYPE MS-20X40CM
* BAS IMAGING PLTE TYPE MS-20X40CM
* BAS IMAGING PLTE TYPE MS-20X25CM
* CASSETTE 20X25CM. GUAGE
* CASSETTE 40X43CM. GUAGE