

## FluoroBox Nucleic acid Gel Imaging System



FLB-001BCM  
(With CMOS camera)

FLB-001B  
(Without camera)

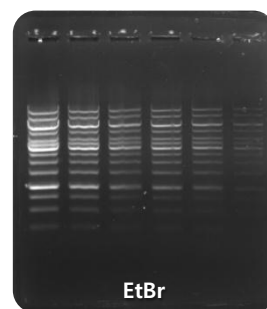
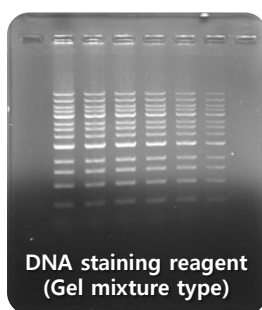
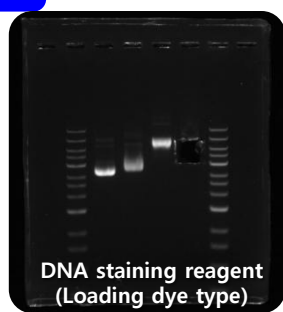
FluoroBox is a device that images DNA electrophoresis gel and analyzes the DNA. It is optimized for the reagents, wavelength of 450nm~ 490nm, that are invented alternative to EtBr.

It consists of Blue light and dark room chamber. FluoroBox can also be used in conjunction with UV transilluminator.

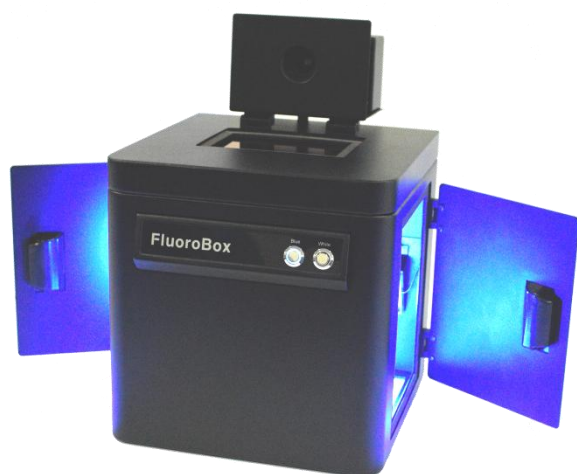
Compact size and simple design has satisfied user's convenience. Gel can be observed through the window at the top and gel cutting can be done conveniently through the doors at each side. Our simple program enables users to obtain results easily and simply quantify the DNA band.

- **Compact Size** – Irrespective of space. It can be placed in anywhere.
- **Simple** – Its simple system enables easy installation and convenient use.
- **Easy to use** – Anyone can use it without confusion as it is easy to use.
- **Quantify data** – Set ROI, obtain quantitative data and export.

## Applications



FluoroBox



Gel cutting



Use with UV illuminator

## Specifications

Camera	1/2" 1.3M 8bit CMOS, 1280 x 1024 pixels
Size (W x D x H)	260 x 260 x 400 mm
Interface connector	Standard USB 2.0
Field of View	138 x 110 mm
Light source	470nm LED
Software	Image capture, Set ROI: Manual or Automatic
Analysis	Subtract background, set ROI, measuring of intensity and integrated density



## NEOgreen - DNA Staining Reagent

NEOgreen is produced in order to substitute EtBr.

Same as the existing method, to make 100ml of Gel, 5~10ul of NEOgreen is needed.

Therefore, the experimental method doesn't need to be changed.

Blue light (470nm) and UV transilluminator can be used with it to observe the DNA gel.