

## Syngene G:BOX F3

The new generation G:BOX with high resolution camera and the application controlled GeneSys software for all fluorescence requirements.

Rating: Not Rated Yet

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Manufacturer [Syngene](#)

### Description

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## Description

The G:BOX F3 is the Syngene entry level system for fluorescence and visible applications. It uses Syngene's groundbreaking GeneSys automatic control software. Driven from a database containing hundreds of application protocols, functional control of the G:BOX is handled by the GeneSys software. Images are captured automatically and effortlessly.

The G:BOX F3 has a high resolution 3.8m pixel camera which is capable of giving outstanding images with incredible spatial resolution. The system is suitable for a wide range of standard fluorescence applications such as DNA imaging or protein gels.

The G:BOX F3 has a stylish modular design. The system includes a motor driven zoom lens as standard, as well as a motor driven filter wheel. Internal lighting comes from an optional UV transilluminator or a blue light LED model to further extend the applications possible with the G:BOX F3.

The system comes complete with unlimited copies of GeneTools analysis software.

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## Features

Why buy this product

- Performance

- With the new GeneSys control software the user simply has to tell the G:BOX F3 the sample type and dye and leave the rest to the automated capture system. Images are produced quickly with the minimum of effort. No other system on the market offers this level of control.
- High specification  
The new series of 3.8m pixel camera is standard on the G:BOX F3. No other system in this class can offer such high resolution.
  - Modular  
The new design of G:BOX F3 includes a motor driven zoom lens and a motor driven filter wheel as standard.

Specification

Gel imaging for fluorescence applications

	G:BOX F3	G:BOX Chemi XRQ	G:BOX Chemi XT4	G:BOX Chemi XX6	G:BOX Chemi XX9
System					
Image resolution (pixels m)	3.8	4	4.2	6	9
Effective resolution (pixels m)	15.3	16	16.76	18	27
A/D	12/16 bit	16 bit	16 bit	16 bit	16 bit
Greyscale	65536	65536	65536	65536	65536
Quantum efficiency @ 425nm	52%	73%	53%	73%	73%
Cooling - regulated (degrees)	N/A	-57C	-57C	-57C	-57C
Lens (motor driven)	f1.2	f1.2 with feed back	f0.95 with auto focus	f0.95 with auto focus	f0.95 with auto focus
Filter wheel (7 position motor driven)	Yes	Yes	Yes	Yes	Yes
UV filter	Yes	Yes	Yes	Yes	Yes
Use with external PC	Yes	Yes	Yes	Yes	Yes
Darkroom					
Standard	Yes	Yes			
Extended with motor driven stage			Yes	Yes	Yes
Illumination					
Epi LED white lights	Yes	Yes	Yes	Yes	Yes
Epi UV 302nm	Optional	Optional	Optional	Optional	Optional
Epi red LED module		Optional	Optional	Optional	Optional
Epi blue LED module		Optional	Optional	Optional	Optional
Epi green LED module		Optional	Optional	Optional	Optional
Epi red LED module M series for multiplexing		Optional	Optional	Optional	Optional
Epi green LED module M series for multiplexing		Optional	Optional	Optional	Optional
Epi blue LED module M series for multiplexing		Optional	Optional	Optional	Optional
Epi IR LED module		Optional	Optional	Optional	Optional
IR multiplexing kit (680-800nm)		Optional	Optional	Optional	Optional
Visible light converter 33 x 31cm	Optional	Optional	Optional	Optional	Optional
White light pad for visible stains (20 x 14 or 20 x 30cm)	Optional	Optional	Optional	Optional	Optional
UltraBright LED blue light transilluminator 20 x 16cm	Optional	Optional	Optional	Optional	Optional
Edge lighting unit 26.5 x 20cm			Optional	Optional	Optional
UV transilluminators	Optional	Optional		Optional	Optional
Dimensions					
Max image area (cm)	26.5 x 21	30.5 x 22.7	19 x 19	32.3 x 25.6	32.3 x 25.6
Min image area (cm)	4.5 x 3.3	5.5 x 4	3 x 3	15 x 11.3	15 x 11.3
W x H x D (cm)	57 x 84 x 45	57 x 84 x 45	57 x 99 x 55	57 x 99 x 55	57 x 99 x 55
Weight (kg)	37	37	45	45	45
Voltage	115v/240v	115v/240v	115v/240v	115v/240v	115v/240v

Reviews

There are yet no reviews for this product.