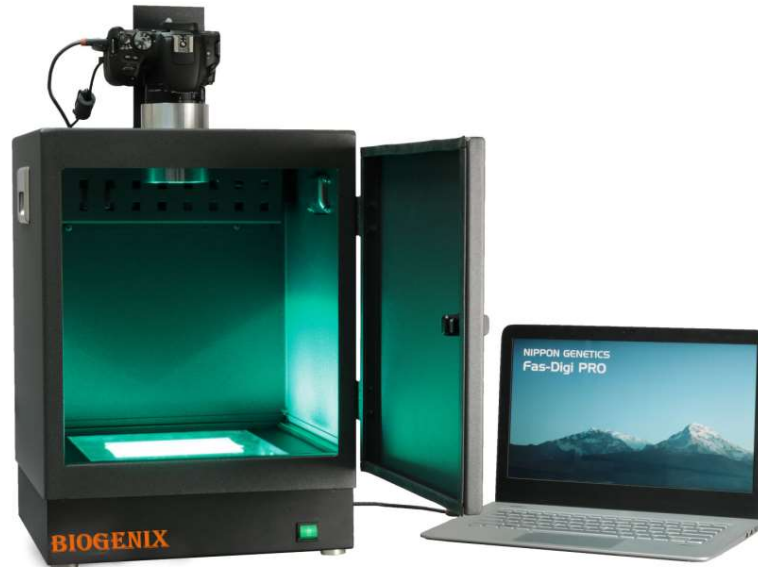


Gel Documentation Systems

Brand- **BioGenix®**



Details

The Revolution for Nucleic Acid Gel Documentation

The BioGenix PRO is our newest imaging system for the detection of DNA and RNA in agarose gels.

The unique Blue/Green LED technology, together with a very easy to use software and a top camera, enables agarose gel documentation of highest quality.

The BioGenix FAS PRO is a fully networkable Gel Doc System, which enables simple transfer of images when connected to an external PC.

Blue/Green LED Technology – for a safe detection of DNA and RNA

The heart of the FAS- PRO is the revolutionary Blue/Green LED technology.

Features

White LED table which comes with an integrated battery.

The camera

The very light-sensitive Canon camera has a very large APS-C CMOS sensor.

The camera is connected directly to the power supply system of the FAS PRO and is thus constantly supplied with power.

The imaging software

The FAS- PRO is delivered together with the intuitive NIPPON Genetics Camera Studio software. This software enables the optimization of all important camera settings (aperture, exposure time, zoom and focus) in real time.

The detection of protein is possible due to the additionally included white LED table which comes with an integrated battery.

A very light-sensitive camera has a very large APS-C CMOS sensor.



Technical Specification

Camera	
Camera type	Canon 250D, 24 MPixel (Resolution: 6000x4000), APS-C Sensor DIGIC 8 Processor, WiFi enabled
Image Sensor	APS-C sized CMOS Sensor
Resolution/Image Size	6000 x 4000 pixel (24 MPixel)
Bit Output Format	8-bit
Aperture	F/4-5.6
Lens	18-55 mm zoom Lens, manual
Exposure time	0.00025 to 30 seconds
Filter	FastGene Amber Filter for the lens
Control Software	
Control Software	NIPPON Genetics Camera Studio v1.0, WINDOWS 10
Saved Image Format	TIFF, JPEG
Image storage	Host computer dependent
Interface	Host computer dependent.
Hood	
Power unit	Power supply for transilluminator and camera
Access	Front door, 180° opened
Filter	FastGene Amber Filter Shield
Illuminator	
1) Built-in Blue-Green light source	470-520 nm
View Area	26 x 21 cm
2) White LED Transilluminator	
View Area	22 x 16 cm
Unit	
Material	Painted aluminum metal
Rated Voltage	100-240 V~, 50/60 Hz, A
Dimension (H x L x W)	57 x 35 x 32.5 cm
Weight	14 kg

This software enables the optimization of all important camera settings (aperture, exposure time, zoom and focus) in real time.



Application

- DNA Gels
- Protein Gels
- Colony Counting



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