

# FAS-Digi PRO

Cat. No.: GP-07LED

DESIGNED & MADE IN

# GERMANY



NIPPON GENETICS  
FAS-Digi PRO

## DISCOVER NEW HORIZONS

# 1

### BLUE/GREEN LED LIGHT

Still destroying your DNA with UV-light? The FAS-Digi PRO uses Blue/Green LED technology: A unique light source for the safe detection of all green and red DNA dyes.

# 2

### HIGH RESOLUTION CAMERA

The documentation of agarose gels with the highest quality can be obtained using a 24 MPixel camera with a very immense APS-C CMOS sensor.

# 3

### IMAGING SOFTWARE

The FAS-Digi PRO comes with an intuitive software to optimize and analyze gel images. All camera settings, i.e. the exposure time, lens aperture, and zoom are displayed in real time.



### Product demonstration?

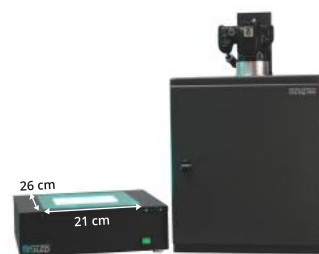
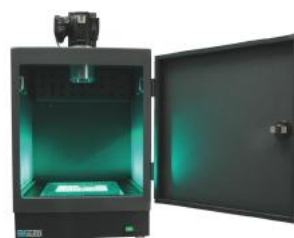
We know that, as a scientist, you would like to test a new gel doc system first before buying it.

**Just arrange an appointment with us!**

## ABOUT US

NIPPON Genetics is a Japanese Life-Tech company, which focuses on the development of cutting edge products. We have over 30 years experience in the life-tech sector with offices in Tokyo and Kyoto, in Japan, as well as in Dueren, in Germany.

Here, we present our latest development: The **FAS-Digi PRO** is a high-end gel documentation system of the newest generation. This imaging system is composed of a transilluminator equipped with our unique Blue/Green Technology, a 24 MPixel camera and an included easy-to-use imaging software. Therefore, the FAS-Digi PRO produces gel images of the highest quality.



Visit our website for other products, such our MIDORI<sup>Green</sup> DNA/RNA dyes, Nucleic Acids Purification, PCR enzymes, Instruments and much more...

**[www.nippongenetics.eu](http://www.nippongenetics.eu)**



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# SAFE LIGHT

STILL DESTROYING YOUR DNA WITH UV-LIGHT?

Blue/Green LED Technology

GEL DOCUMENTATION  
Best Agarose Gels

## SUPERIOR RESULTS

The FAS-Digi PRO has a light-sensitive camera, which is controlled completely by an intuitive imaging software. The FAS-Digi PRO is a fully networkable gel doc system, which allows an easy transfer of images.

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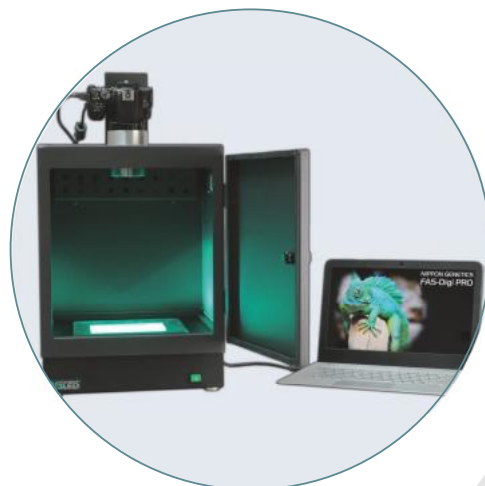
## PRODUCT DEMONSTRATION?

We understand that, as a scientist, you would like to test the FAS-Digi PRO before buying it. That is why we offer a product demonstration.

Just arrange an appointment with us!

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# FAS-Digi PRO



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## THE REVOLUTION FOR AGAROSE GEL DOCUMENTATION

Best Results with an Easy-to-use Gel Doc System

The FAS-Digi PRO is our newest imaging system for the detection of DNA and RNA in agarose gels. This gel doc system is a further development of our very successful FAS-Digi (GP-05LED). Equipped with a light-sensitive 24 MPixel camera, the FAS-Digi PRO is controlled completely by our newly developed imaging software. With the live view mode all changes of the camera, the exposure time, the lens aperture, and the zoom area are displayed in real-time. The FAS-Digi PRO is a fully networkable gel doc system, which allows a simple transfer of images when connected to a PC.



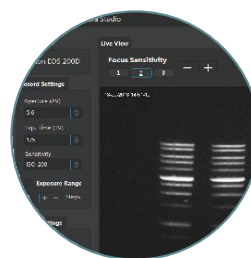
### BLUE/GREEN LED LIGHT

The FAS-Digi PRO is composed of a strong transilluminator equipped with the unique Blue/Green LED technology. These LEDs emit light at a wavelength of 470 nm – 520 nm without damaging nucleic acids, enabling the detection of all common green and red DNA dyes.



### HIGH RESOLUTION CAMERA

Take images of agarose gels of the highest quality using the Canon EOS 200D. This camera has an immense APS-C CMOS-sensor with a size of 22.3 x 14.9 mm. The exposure time of the sensor can be set from 0.00025 sec up to 30 sec. The 24 MPixels allows the detection of lowest light signals in agarose gels.



### IMAGING SOFTWARE

The FAS-Digi PRO comes with an intuitive imaging software. With this software you can control all necessary parameters of the camera in real time: Just adjust the aperture, exposure time, sensitivity and focus and make images of the highest quality.

## SPECIFICATIONS

### Camera

Camera type	Canon EOS 200D
Image Sensor	APS-C sized CMOS sensor
Resolution/Image Size	6000 x 4000 pixel
Aperture	F/4-5.6
Lens	18-55 mm zoom lens, manual
Exposure time	0.00025 to 30 seconds

### Control Software

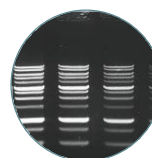
Control Software	NIPPON Genetics Camera Studio v1.0, WINDOWS 10
Saved Image Format	TIFF, JPEG
Image storage	Host computer dependent
Interface	Host computer dependent, Supports Mitsubishi thermal-printer P95DE

### Units

Rated Voltage	100-240 V~, 50/60 Hz
Dimension (H x L x W)	52 x 33,5 x 32,5 cm

### Illuminator

Built-in Blue-Green light source	470-520 nm
View Area	26 x 21 cm



- ✓ Beautiful agarose gels
- ✓ Ultra-sensitive DNA signals
- ✓ Just amazing...